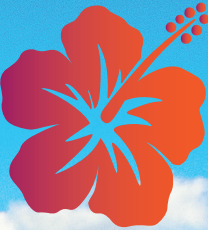


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**International Conference
on Computer Vision**

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Welcome to the 2025 IEEE/CVF International Conference on Computer Vision (ICCV) in Honolulu, Hawai'i! ICCV is the premier biennial conference in computer vision, gathering researchers and practitioners from academia, industry, and government to present and discuss the latest advances in computer vision. Our program features invited keynotes, oral and poster presentations, workshops, tutorials, demonstrations, exhibitions, and numerous networking opportunities. ICCV 2025 is primarily an in-person conference, but a virtual component will also be available, providing access to conference papers, posters, videos, and talks for those unable to attend physically.

ICCV 2025 received 11,239 valid paper submissions, reflecting the community's continued growth and engagement. The review process was overseen by six program chairs, 510 area chairs, and 11,859 reviewers. Each submission underwent a rigorous evaluation, including at least three independent reviews and an author rebuttal period, culminating in final recommendations by the area chairs. A total of 2,701 papers were accepted, resulting in an acceptance rate of 24%, a figure that was not pre-determined and is consistent with historical ICCV rates. All accepted papers will be presented in one of six poster sessions, with 64 selected for oral presentations and 263 designated as highlights in recognition of their exceptional quality and potential impact. A subset of accepted papers has been named award candidates; the best papers, as selected by a committee of distinguished community members, will be announced during the conference's opening session.

For ICCV 2025, we introduced several major changes, some of which have been adopted at other computer vision and AI conferences. To partially address the explosive growth of submissions in the field and the impact on the reviewing process, paper submissions per author were capped at 25. In addition, every qualified author (unless serving in another organizational capacity) was required to serve as a reviewer. Reviewers who failed to submit reviews by the deadline, or whose reviews were flagged as highly irresponsible, faced desk rejection of all papers on which they were authors. These changes were meant to improve accountability, reduce review delays, and preserve the high review standards of the computer vision community.

We extend our deepest appreciation to everyone who has contributed to ICCV 2025. Special thanks go to our area chairs, reviewers, authors, demo

and tutorial participants, and our generous sponsors and exhibitors. We also gratefully acknowledge Nicole Finn and the C to C Events team for conference logistics, as well as all the committee members whose tireless efforts have made this event possible.

Thank you for joining us for ICCV 2025 in beautiful Honolulu. We encourage you to meaningfully engage with our vibrant community and also explore the scenic beauty and rich culture of Hawai'i.

Enjoy ICCV 2025!

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Access schedules,
papers, workshops,
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ICCV 2025 Slido Site



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plenary sessions:
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Exhibit Hall Floorplan



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Tuesday, October 21

7:00 - 17:00 **Registration/Badge Pickup** (HCC Main Lobby)7:00 - 17:00 **Nursing Pod** 7:00 - 17:00 **Prayer / Quiet Room / Mother's Room** (326 A)7:00 - 9:00 **Breakfast** (Exhibit Hall II)8:00 - 8:45 **Welcome & Awards** (Exhibit Hall III)8:45 - 10:00 **Oral Session 1A: Multi-Modal Learning**
(Exhibit Hall III)8:45 - 10:00 **Oral Session 1B: Structure and Motion**
(Kalakaua Ballroom)10:00 - 11:00 **Coffee Break** (Exhall II)10:00 - 10:30 **Poster Setup** (Exhibit Hall I)10:15 - 11:15 **Keynote** (Exhall III)11:30 - 13:30 **Lunch** (Exhibit Hall II /
Overflow Seating Rooftop and Third Floor)11:30 - 13:30 **Poster Session 1 and Exhibit Hall** (Exhibit Hall I)11:30 - 13:30 **Demos 1** (Exhibit Hall I)13:30 - 14:45 **Oral Session 2A: View Synthesis and Scene**
(Exhibit Hall III)13:30 - 14:45 **Oral Session 2B: Efficient Learning**
(Kalakaua Ballroom)14:30 - 15:00 **Poster Setup** (Exhibit Hall I)15:00 - 17:00 **Poster Session 2 & Exhibit Hall with**
Coffee Break (Exhibit Hall I)15:00 - 17:00 **Demos 2** (Exhibit Hall I)8:45 - 10:00 **Oral Session 1A: Multi-Modal Learning**
(Exhibit Hall III)

Session Chairs: Hengshuang Zhao, Andrea Burns

 - Award candidate paper  - Outstanding Reviewer1 GT-Loc: Unifying When and Where in Images Through a Joint
Embedding Space, *David G. Shatwell, Ishan Rajendrakumar Dave,*
*Sirnam Swetha, Mubarak Shah*2 Scaling Laws for Native Multimodal Models, *Mustafa Shukor,*
Enrico Fini, Victor Guilherme Turrisi da Costa, Matthieu Cord,
*Joshua Susskind, Alaaeldin El-Nouby*3 FixTalk: Taming Identity Leakage for High-Quality Talking Head
Generation in Extreme Cases, *Shuai Tan, Bill Gong, Bin Ji, Ye Pan*4 Differentiable Room Acoustic Rendering with Multi-View Vision
Priors, *Derong Jin, Ruohan Gao*5 Token Activation Map to Visually Explain Multimodal LLMs,
*Yi Li, Hualiang Wang, Xinpeng Ding, Haonan Wang, Xiaomeng Li*8:45 - 10:00 **Oral Session 1B: Structure and Motion**
(Kalakaua Ballroom)

Session Chairs: Junhwa Hur, Ping Tan

1 Multi-View 3D Point Tracking, *Frano Rajić, Haofei Xu,*
Marko Mihajlovic, Siyuan Li, Irem Demir, Emircan Gündoğdu, Lei Ke,
*Sergey Prokudin, Marc Pollefeys, Siyu Tang*2 Uncalibrated Structure from Motion on a Sphere, *Jonathan Ventura,*
*Viktor Larsson, Fredrik Kahl*3 Removing Cost Volumes from Optical Flow Estimators,
*Simon Kiefhaber, Stefan Roth, Simone Schaub-Meyer*4 Image as an IMU: Estimating Camera Motion from a Single Motion-
Blurred Image, *Jerred Chen, Ronald Clark*5 TrajectoryCrafter: Redirecting Camera Trajectory for Monocular
Videos via Diffusion Models, *Mark Yu, Wenbo Hu, Jinbo Xing,*
*Ying Shan*10:00 - 11:00 **Coffee Break** (Exhall II)10:00 - 10:30 **Poster Setup** (Exhibit Hall I)10:15 - 11:15 **Keynote** (Exhibit Hall III)Sheperd Doleman, Astrophysicist at the Center for
Astrophysics | Harvard & Smithsonian and the Director of
the Event Horizon Telescope (EHT)11:30 - 13:30 **Lunch** (Exhibit Hall II / Overflow Seating Rooftop and
Third Floor)11:30 - 13:30 **Poster Session 1 and Exhibit Hall** (Exhibit Hall I)* - Highlight paper  - Award candidate paper

○ - Oral Paper ☆ - Outstanding Reviewer

1 Secure On-Device Video OOD Detection Without Backpropagation,
Shawn Li, Peilin Cai, Yuxiao Zhou, Zhiyu Ni, Renjie Liang, You Qin,
*Yi Nian, Zhengzhong Tu, Xiyang Hu, Yue Zhao*2 Learning Counterfactually Decoupled Attention for Open-World Model
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- 310 Beyond Low-Rank Tuning: Model Prior-Guided Rank Allocation for Effective Transfer in Low-Data and Large-Gap Regimes, *Chuyan Zhang, Kefan Wang, Yun Gu*
- 311 SVIP: Semantically Contextualized Visual Patches for Zero-Shot Learning, *Zhi Chen, Zecheng Zhao, Jingcai Guo, Jingjing Li, Zi Huang*
- 312 DreamLayer: Simultaneous Multi-Layer Generation via Diffusion * Model, *Junjia Huang, Pengxiang Yan, Jinhang Cai, Jiyang Liu, Zhao Wang, Yitong Wang, Xinglong Wu, Guanbin Li*
- 313 AutoOcc: Automatic Open-Ended Semantic Occupancy Annotation * via Vision-Language Guided Gaussian Splatting, *Xiaoyu Zhou,*

- ☆ *Jingqi Wang, Yongtao Wang, Yufei Wei, Nan Dong, Ming-Hsuan Yang*
- 314 DWIM: Towards Tool-aware Visual Reasoning via Discrepancy-aware Workflow Generation & Instruct-Masking Tuning, *Fucaï Ke, Vijay Kumar B G, Xingjian Leng, Zhixi Cai, Zaid Khan, Weiqing Wang, Pari Delir Haghighi, Hamid Rezaatofghi, Manmohan Chandraker*
- 315 FW-Merging: Scaling Model Merging with Frank-Wolfe Optimization, *Hao Mark Chen, Shell Xu Hu, Wayne Luk, Timothy Hospedales, Hongxiang Fan*
- 316 Augmenting Moment Retrieval: Zero-Dependency Two-Stage Learning, *Zhengxuan Wei, Jiajin Tang, Sibeï Yang*
- 317 Rep-MTL: Unleashing the Power of Representation-level Task Saliency for Multi-Task Learning, *Zedong Wang, Siyuan Li, Dan Xu*
- 318 Enhancing Numerical Prediction of MLLMs with Soft Labeling, *Pei Wang, Zhaowei Cai, Hao Yang, Davide Modolo, Ashwin Swaminathan*
- 319 Transparent Vision: A Theory of Hierarchical Invariant Representations, *Shuren Qi, Yushu Zhang, Chao Wang, Zhihua Xia, Xiaochun Cao, Fenglei Fan*
- 320 Fuse Before Transfer: Knowledge Fusion for Heterogeneous Distillation, *Guopeng Li, Qiang Wang, Ke Yan, Shouhong Ding, Yuan Gao, Gui-Song Xia*
- 321 What You Have is What You Track: Adaptive and Robust Multimodal Tracking, *Yuedong Tan, Jiawei Shao, Eduard Zamfir, Ruanjun Li, Zhaochong An, Chao Ma, Danda Paudel, Luc Van Gool, Radu Timofte, Zongwei Wu*
- 322 Instruction-Grounded Visual Projectors for Continual Learning of Generative Vision-Language Models, *Hyundong Jin, Hyung Jin Chang, Eunwoo Kim*
- 323 OrderChain: Towards General Instruct-Tuning for Stimulating the Ordinal Understanding Ability of MLLM, *Jinhong Wang, Shuo Tong, Jian Liu, Dongqi Tang, Weiqiang Wang, Wentong Li, Hongxia Xu, Danny Z. Chen, Jintai Chen, Jian Wu*
- 324 DAP-MAE: Domain-Adaptive Point Cloud Masked Autoencoder for Effective Cross-Domain Learning, *Ziqi Gao, Qiufu Li, Linlin Shen*
- 325 SFUOD: Source-Free Unknown Object Detection, *Keon-Hee Park, Seun-An Choe, Gyeong-Moon Park*
- 326 Activation Subspaces for Out-of-Distribution Detection, *Barış Zöngür, Robin Hesse, Stefan Roth*
- 327 A Recipe for Generating 3D Worlds from a Single Image, *Katja Schwarz, Denis Rozumny, Samuel Rota Bulò, Lorenzo Porzi, Peter Kotschieder*
- 328 On the Complexity-Faithfulness Trade-off of Gradient-Based Explanations, *Amir Mehrpanah, Matteo Gamba, Kevin Smith, Hossein Azizpour*
- 329 Oasis: One Image is All You Need for Multimodal Instruction Data Synthesis, *Letian Zhang, Quan Cui, Bingchen Zhao, Cheng Yang*
- 330 Learning to Inference Adaptively for Multimodal Large Language Models, *Zhuoyan Xu, Khoi Duc Nguyen, Preeti Mukherjee, Saurabh Bagchi, Somali Chatterji, Yingyu Liang, Yin Li*
- 331 Self-Reinforcing Prototype Evolution with Dual-Knowledge Cooperation for Semi-Supervised Lifelong Person Re-Identification, *Kunlun Xu, Fan Zhuo, Jiangmeng Li, Xu Zou, Jiahuan Zhou*
- 332 Hierarchical Divide-and-Conquer Grouping for Classification Adaptation of Pre-Trained Models, *Ziqian Lu, Yunlong Yu, Qinyue Tong, Jun Liu*
- 333 Knowledge Transfer from Interaction Learning, *Yilin Gao, Kangyi Chen, Zhongxing Peng, Hengjie Lu, Shugong Xu*
- 334 DOGR: Towards Versatile Visual Document Grounding and Referring, *Yinan Zhou, Yuxin Chen, Haokun Lin, Yichen Wu, Shuyu Yang, Zhongang Qi, Chen Ma, Li Zhu*
- 335 Lark: Low-Rank Updates After Knowledge Localization for Few-shot Class-Incremental Learning, *Jinxin Shi, Jiabao Zhao, Yifan Yang, Xingjiao Wu, Jiawen Li, Liang He*
- 336 Advancing Textual Prompt Learning with Anchored Attributes, *Zheng Li, Yibing Song, Ming-Ming Cheng, Xiang Li, Jian Yang*
- 337 Decoupled Multi-Predictor Optimization for Inference-Efficient Model Tuning, *Liwei Luo, Shuaitengyuan Li, Dongwei Ren, Qilong Wang, Pengfei Zhu, Qinghua Hu*
- 338 SHIFT: Smoothing Hallucinations by Information Flow Tuning for Multimodal Large Language Models, *Sudong Wang, Yunjian Zhang, Yao Zhu, Enci Liu, Jianing Li, Yanwei Liu, Xiangyang Ji*
- 339 Large Multi-modal Models Can Interpret Features in Large Multi-modal Models, *Kaichen Zhang, Yifei Shen, Bo Li, Ziwei Liu*
- 340 SCAN: Bootstrapping Contrastive Pre-training for Data Efficiency, *Yangyang Guo, Mohan Kankanhalli*
- 341 A Conditional Probability Framework for Compositional Zero-shot Learning, *Peng Wu, Qiuxia Lai, Hao Fang, Guo-Sen Xie, Yilong Yin, Xiankai Lu, Wenguan Wang*
- 342 Backdoor Self-Supervised Contrastive Learning by Noisy Alignment, *Tuo Chen, Jie Gui, Minjing Dong, Ju Jia, Lanting Fang, Jian Liu*
- 343 Lyra: An Efficient and Speech-Centric Framework for Omni-Cognition, *Zhisheng Zhong, Chengyao Wang, Yuqi Liu, Senqiao Yang, Longxiang Tang, Yuechen Zhang, Jingyao Li, Tianyuan Qu, Yanwei Li, Yukang Chen, Shaozuo Yu, Sitong Wu, Eric Lo, Shu Liu, Jiaya Jia*
- 344 p-MoD: Building Mixture-of-Depths MLLMs via Progressive Ratio Decay, *Jun Zhang, Desen Meng, Zhengming Zhang, Zhenpeng Huang, Tao Wu, Limin Wang*
- 345 Enhancing Transferability of Targeted Adversarial Examples via Inverse Target Gradient Competition and Spatial Distance Stretching, *Zhankai Li, Weiping Wang, Jie Li, Shigeng Zhang, Yunan Hu, Song Guo*
- 346 FedDiffRC: Unlocking the Potential of Text-to-Image Diffusion Models in Heterogeneous Federated Learning, *Huan Wang, Haoran Li, Huaming Chen, Jun Yan, Jiahua Shi, Jun Shen*
- 347 LoRA-FAIR: Federated LoRA Fine-Tuning with Aggregation and Initialization Refinement, *Jieming Bian, Lei Wang, Letian Zhang, Jie Xu*
- 348 Diversity-Enhanced Distribution Alignment for Dataset Distillation, *Hongcheng Li, Yucan Zhou, Xiaoyan Gu, Bo Li, Weiping Wang*
- 349 Category-Specific Selective Feature Enhancement for Long-Tailed Multi-Label Image Classification, *Ruiqi Du, Xu Tang, Xiangrong Zhang, Jingjing Ma*
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- 352 Sibai: A Few-Shot Meta-Classifer for Poisoning Detection in Federated Learning, *Melanie Götz, Torsten Krauß, Alexandra Dmitrienko*
- 353 Generalization-Preserved Learning: Closing the Backdoor to Catastrophic Forgetting in Continual Deepfake Detection, *Xueyi Zhang, Peiyin Zhu, Chengwei Zhang, Zhiyuan Yan, Jikang Cheng, Mingrui Lao, Siqi Cai, Yanming Guo*
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- 359 FREE-Merging: Fourier Transform for Efficient Model Merging, *Shenghe Zheng, Hongzhi Wang*
- 360 RANKCLIP: Ranking-Consistent Language-Image Pretraining, *Yiming Zhang, Zhuokai Zhao, Zhaorun Chen, Zhili Feng, Zenghui Ding, Yining Sun*
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- 363 Robin3D: Improving 3D Large Language Model via Robust Instruction Tuning, *Weitai Kang, Haifeng Huang, Yuzhang Shang, Mubarak Shah, Yan Yan*

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- 365 ZIUM: Zero-Shot Intent-Aware Adversarial Attack on Unlearned Models, *Hyun Jun Yook, Ga San Jhun, Jae Hyun Cho, Min Jeon, Donghyun Kim, Tae Hyung Kim, Youn Kyu Lee*
- 366 Federated Prompt-Tuning with Heterogeneous and Incomplete Multimodal Client Data, *Thu Hang Phung, Duong M. Nguyen, Thanh Trung Huynh, Quoc Viet Hung Nguyen, Trong Nghia Hoang, Phi Le Nguyen*
- 367 Learning Interpretable Queries for Explainable Image Classification with Information Pursuit, *Stefan Kolek, Aditya Chattopadhyay, Kwan Ho Ryan Chan, Hector Andrade-Loarca, Gitta Kutyniok, René Vidal*
- 368 ACAM-KD: Adaptive and Cooperative Attention Masking for Knowledge Distillation, *Qizhen Lan, Qing Tian*
- 369 Find a Scapegoat: Poisoning Membership Inference Attack and Defense to Federated Learning, *Wenjin Mo, Zhiyuan Li, Minghong Fang, Mingwei Fang*
- 370 OpenVision: A Fully-Open, Cost-Effective Family of Advanced Vision Encoders for Multimodal Learning, *Xianhang Li, Yanqing Liu, Haoqin Tu, Cihang Xie*
- 371 Integrating Visual Interpretation and Linguistic Reasoning for Geometric Problem Solving, *Zixian Guo, Ming Liu, Qilong Wang, Zhilong Ji, Jinfeng Bai, Lei Zhang, Wangmeng Zuo*
- 372 SAFER: Sharpness Aware layer-selective Finetuning for Enhanced Robustness in vision transformers, *Bhavna Gopal, Huanrui Yang, Mark Horton, Yiran Chen*
- 373 Adding Additional Control to One-Step Diffusion with Joint Distribution Matching, *Yihong Luo, Tianyang Hu, Yifan Song, Jiacheng Sun, Zhenguo Li, Jing Tang*
- 374 Semantic Equitable Clustering: A Simple and Effective Strategy for Clustering Vision Tokens, *Qihang Fan, Huaibo Huang, Mingrui Chen, Ran He*
- 375 SPD: Shallow Backdoor Protecting Deep Backdoor Against Backdoor Detection, *Shunjie Yuan, Xinghua Li, Xuelin Cao, Haiyan Zhang, Mengyao Zhu, Robert H. Deng*
- 376 To Label or Not to Label: PALM – A Predictive Model for Evaluating Sample Efficiency in Active Learning Models, *Julia Machnio, Mads Nielsen, Mostafa Mehdipour Ghazi*
- 377 Inference-Time Diffusion Model Distillation, *Geon Yeong Park, Sang Wan Lee, Jong Chul Ye*
- 378 G2D: Boosting Multimodal Learning with Gradient-Guided Distillation, *Mohammed Rakib, Arunkumar Bagavathi*
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- 381 Differentiable Room Acoustic Rendering with Multi-View Vision Priors, *Derong Jin, Ruohan Gao*
- 382 Noise-Modeled Diffusion Models for Low-Light Spike Image Restoration, *Ruonan Liu, Lin Zhu, Xijie Xiang, Lizhi Wang, Hua Huang*
- 383 One Perturbation is Enough: On Generating Universal Adversarial Perturbations against Vision-Language Pre-training Models, *Hao Fang, Jiawei Kong, Wenbo Yu, Bin Chen, Jiawei Li, Hao Wu, Shu-Tao Xia, Ke Xu*
- 384 Why LVLs Are More Prone to Hallucinations in Longer Responses: The Role of Context, *Ge Zheng, Jiaye Qian, Jiajin Tang, Sibe Yang*
- 385 Intra-view and Inter-view Correlation Guided Multi-view Novel Class Discovery, *Xinhang Wan, Jiyuan Liu, Qian Qu, Suyuan Liu, Chuyu Zhang, Fangdi Wang, Xinwang Liu, En Zhu, Kunlun He*
- 386 Prototype-based Contrastive Learning with Stage-wise Progressive Augmentation for Self-Supervised Fine-Grained Learning, *Baofeng Tan, Xiu-Shen Wei, Lin Zhao*
- 387 Radiant Foam: Real-Time Differentiable Ray Tracing, *Shrisudhan Govindarajan, Daniel Rebain, Kwang Moo Yi, Andrea Tagliasacchi*
- 388 COSTARR: Consolidated Open Set Technique with Attenuation for Robust Recognition, *Ryan Rabinowitz, Steve Cruz, Walter Scheirer, Terrance E. Boulton*
- 389 ALOcc: Adaptive Lifting-Based 3D Semantic Occupancy and Cost Volume-Based Flow Predictions, *Dubing Chen, Jin Fang, Wencheng Han, Xinjing Cheng, Junbo Yin, Chengzhong Xu, Fahad Shahbaz Khan, Jianbing Shen*
- 390 Information Density Principle for MLLM Benchmarks, *Chunyi Li, Xiaozhe Li, Zicheng Zhang, Yuan Tian, Ziheng Jia, Xiaohong Liu, Xiongkuo Min, Jia Wang, Haodong Duan, Kai Chen, Guangtao Zhai*
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- 396 Robust Multi-View Learning via Representation Fusion of Sample-Level Attention and Alignment of Simulated Perturbation, *Jie Xu, Na Zhao, Gang Niu, Masashi Sugiyama, Xiaofeng Zhu*
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- 398 Attention to the Burstiness in Visual Prompt Tuning!, *Yuzhu Wang, Manni Duan, Shu Kong*
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- 400 Zero-Shot Vision Encoder Grafting via LLM Surrogates, *Kaiyu Yue, Vasu Singla, Menglin Jia, John Kirchenbauer, Rifaa Qadri, Zikui Cai, Abhinav Bhatele, Furong Huang, Tom Goldstein*
- 401 Long-Tailed Classification with Multi-Granularity Semantics, *Yuting Liu, Liu Yang, Yu Wang*
- 402 LLaVA-3D: A Simple yet Effective Pathway to Empowering LMMs with 3D Capabilities, *Chenming Zhu, Tai Wang, Wenwei Zhang, Jiangmiao Pang, Xihui Liu*
- 404 ReTracker: Exploring Image Matching for Robust Online Any Point Tracking, *Dongli Tan, Xingyi He, Sida Peng, Yiqing Gong, Xing Zhu, Jiaming Sun, Ruizhen Hu, Yujun Shen, Hujun Bao, Xiaowei Zhou*
- 405 HIS-GPT: Towards 3D Human-In-Scene Multimodal Understanding, *Jiahe Zhao, Ruibing Hou, Zefei Tian, Hong Chang, Shiguang Shan*
- 406 Backdoor Attacks on Neural Networks via One-Bit Flip, *Xiang Li, Lannan Luo, Qiang Zeng*
- 407 A Linear N-Point Solver for Structure and Motion from Asynchronous Tracks, *Hang Su, Yunlong Feng, Daniel Gehrig, Panfeng Jiang, Ling Gao, Xavier Lagorce, Laurent Kneip*
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- 409 TR-PTS: Task-Relevant Parameter and Token Selection for Efficient Tuning, *Siqi Luo, Haoran Yang, Yi Xin, Mingyang Yi, Guangyang Wu, Guangtao Zhai, Xiaohong Liu*
- 410 Exploring The Visual Feature Space for Multimodal Neural Decoding, *Weihao Xia, Cengiz Oztireli*
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- 413 VITAL: More Understandable Feature Visualization through Distribution Alignment and Relevant Information Flow, *Ada Görgün, Bernt Schiele, Jonas Fischer*
- 414 Overcoming Dual Drift for Continual Long-Tailed Visual Question

- Answering, *Feifei Zhang, Zhihao Wang, Xi Zhang, Changsheng Xu*
- 415 ToolVQA: A Dataset for Multi-step Reasoning VQA with External Tools, *Shaofeng Yin, Ting Lei, Yang Liu*
- 416 Continual Adaptation: Environment-Conditional Parameter Generation for Object Detection in Dynamic Scenarios, *Deng Li, Aming Wu, Yang Li, Yaowei Wang, Yahong Han*
- 417 SMP-Attack: Boosting the Transferability of Feature Importance-based Adversarial Attack with Semantics-aware Multi-granularity Patchout, *Wen Yang, Guodong Liu, Di Ming*
- 418 Towards Comprehensive Lecture Slides Understanding: Large-scale Dataset and Effective Method, *Enming Zhang, Yuzhe Li, Yuliang Liu, Yingying Zhu, Xiang Bai*
- 419 Backdoor Mitigation by Distance-Driven Detoxification, ☆☆ *Shaokui Wei, Jiayin Liu, Hongyuan Zha*
- 420 Zeroth-Order Fine-Tuning of LLMs in Random Subspaces, *Ziming Yu, Pan Zhou, Sike Wang, Jia Li, Mi Tian, Hua Huang*
- 421 Gradient Decomposition and Alignment for Incremental Object Detection, *Wenlong Luo, Shizhou Zhang, De Cheng, Yinghui Xing, Guoqiang Liang, Peng Wang, Yanning Zhang*
- 422 Synthesizing Near-Boundary OOD Samples for Out-of-Distribution Detection, ☆ *Jinglun Li, Kaixun Jiang, Zhaoyu Chen, Bo Lin, Yao Tang, Weifeng Ge, Wenqiang Zhang*
- 423 CAVIS: Context-Aware Video Instance Segmentation, *Seunghun Lee, Jiwan Seo, Kiljoon Han, Minwoo Choi, Sunghoon Im*
- 424 Unlearning the Noisy Correspondence Makes CLIP More Robust, *Haochen Han, Alex Jinpeng Wang, Peijun Ye, Fangming Liu*
- 425 FEVER-ODD: Free Energy Vulnerability Elimination for Robust Out-of-Distribution Detection, ☆ *Brian K.S. Isaac-Medina, Mauricio Che, Yona Falinie A. Gaus, Samet Akcay, Toby P. Breckon*
- 426 Local Dense Logit Relations for Enhanced Knowledge Distillation, *Liuchi Xu, Kang Liu, Jinshuai Liu, Lu Wang, Lisheng Xu, Jun Cheng*
- 427 Controllable Feature Whitening for Hyperparameter-Free Bias Mitigation, *Yoosin Cho, Hanbyel Cho, Janghyeon Lee, HyeongGwon Hong, Jaesung Ahn, Junmo Kim*
- 428 Differentially Private Fine-Tuning of Diffusion Models, *Yu-Lin Tsai, Yizhe Li, Chia-Mu Yu, Xuebin Ren, Po-Yu Chen, Zekai Chen, Francois Buet-Golfouse*
- 429 FedXDS: Leveraging Model Attribution Methods to counteract Data Heterogeneity in Federated Learning, *Maximilian Andreas Hoefer, Karsten Mueller, Wojciech Samek*
- 430 Towards Effective Foundation Model Adaptation for Extreme Cross-Domain Few-Shot Learning, *Fei Zhou, Peng Wang, Lei Zhang, Wei Wei, Chen Ding, Guosheng Lin, Yanning Zhang*
- 431 Consensus-Driven Active Model Selection, ☆ *Justin Kay, Grant Van Horn, Subhransu Maji, Daniel Sheldon, Sara Beery*
- 432 Adversarial Purification via Super-Resolution and Diffusion, *Mincheol Park, Cheonjun Park, Seungseop Lim, Mijin Koo, Hyunwuk Lee, Won Woo Ro, Suhyun Kim*
- 433 FedWSQ: Efficient Federated Learning with Weight Standardization and Distribution-Aware Non-Uniform Quantization, *Seung-Wook Kim, Seongyeol Kim, Jiah Kim, Seowon Ji, Se-Ho Lee*
- 434 CMAD: Correlation-Aware and Modalities-Aware Distillation for Multimodal Sentiment Analysis with Missing Modalities, *Yan Zhuang, Minhao Liu, Wei Bai, Yanru Zhang, Xiaoyue Zhang, Jiawen Deng, Fuji Ren*
- 435 SimpleVQA: Multimodal Factuality Evaluation for Multimodal Large Language Models, *Xianfu Cheng, Wei Zhang, Shiwei Zhang, Jian Yang, Xiangyuan Guan, Xianjie Wu, Xiang Li, Ge Zhang, Jiaheng Liu, Yuying Mai, Yutao Zeng, Zhoufutu Wen, Ke Jin, Baorui Wang, Weixiao Zhou, Yunhong Lu, Hangyuan Ji, Tongliang Li, Wenhao Huang, Zhoujun Li*
- 436 2.5 Years in Class: A Multimodal Textbook for Vision-Language Pretraining, ☆ *Wenqi Zhang, Hang Zhang, Xin Li, Jiahuo Sun, Yongliang Shen, Weiming Lu, Deli Zhao, Yueting Zhuang, Lidong Bing*
- 437 Revelio: Interpreting and leveraging semantic information in diffusion models, *Dahye Kim, Xavier Thomas, Deepti Ghadiyaram*
- 438 CLIP-GS: Unifying Vision-Language Representation with 3D Gaussian Splatting, *Siyu Jiao, Haoye Dong, Yuyang Yin, Zequn Jie, Yinlong Qian, Yao Zhao, Humphrey Shi, Yunchao Wei*
- 439 ProJudge: A Multi-Modal Multi-Discipline Benchmark and Instruction-Tuning Dataset for MLLM-based Process Judges, *Jiaxin Ai, Pengfei Zhou, Zhaopan Xu, Ming Li, Fanrui Zhang, Zizhen Li, Jianwen Sun, Yukang Feng, Baojin Huang, Zhongyuan Wang, Kaipeng Zhang*
- 440 Failure Cases Are Better Learned But Boundary Says Sorry: Facilitating Smooth Perception Change for Accuracy-Robustness Trade-Off in Adversarial Training, *Yanyun Wang, Li Liu*
- 441 VehicleMAE: View-asymmetry Mutual Learning for Vehicle Re-identification Pre-training via Masked AutoEncoders, *Qi Wang, Zeyu Zhang, Dong Wang, Di Gai, Xin Xiong, Jiyang Xu, Ruihua Zhou*
- 442 SplatTalk: 3D VQA with Gaussian Splatting, *Anh Thai, Songyou Peng, Kyle Genova, Leonidas Guibas, Thomas Funkhouser*
- 443 CaO2: Rectifying Inconsistencies in Diffusion-Based Dataset Distillation, *Haoxuan Wang, Zhenghao Zhao, Junyi Wu, Yuzhang Shang, Gaowen Liu, Yan Yan*
- 444 Taming the Untamed: Graph-Based Knowledge Retrieval and Reasoning for MLLMs to Conquer the Unknown, *Bowen Wang, Zhouqiang Jiang, Yasuaki Susumu, Shotaro Miwa, Tianwei Chen, Yuta Nakashima*
- 445 MambaML: Exploring State Space Models for Multi-Label Image Classification, *Xuelin Zhu, Jian Liu, Jiuxin Cao, Bing Wang*
- 446 MUNBA: Machine Unlearning via Nash Bargaining, *Jing Wu, Mehrtaash Harandi*
- 447 SMSTracker: Tri-path Score Mask Sigma Fusion for Multi-Modal Tracking, *Sixian Chan, Zedong Li, Wenhao Li, Shijian Lu, Chunhua Shen, Xiaoqin Zhang*
- 448 Auxiliary Prompt Tuning of Vision-Language Models for Few-Shot Out-of-Distribution Detection, *Wenjun Miao, Guansong Pang, Zihan Wang, Jin Zheng, Xiao Bai*
- 449 Enhancing Transformers Through Conditioned Embedded Tokens, *Hemanth Saratchandran, Simon Lucey*
- 450 Improved Noise Schedule for Diffusion Training, *Tiankai Hang, Shuyang Gu, Jianmin Bao, Fangyun Wei, Dong Chen, Xin Geng, Baining Guo*
- 451 How Do Multimodal Large Language Models Handle Complex Multimodal Reasoning? Placing Them in An Extensible Escape Game, *Ziyue Wang, Yurui Dong, Fuwen Luo, Minyuan Ruan, Zhili Cheng, Chi Chen, Peng Li, Yang Liu*
- 452 One Encoder to Rule them All: Representation Learning for Model-free Visual Reinforcement Learning using Fourier Neural Operators, *Parag Dutta, Mohd Ayyoob, Shalabh Bhatnagar, Ambedkar Dukkipati*
- 453 LIFT: Latent Implicit Functions for Task- and Data-Agnostic Encoding, *Amirhossein Kazerouni, Soroush Mehraban, Michael Brudno, Babak Taati*
- 454 Improving Noise Efficiency in Privacy-preserving Dataset Distillation, *Runkai Zheng, Vishnu Asutosh Dasu, Yinong Oliver Wang, Haohan Wang, Fernando De La Torre*
- 455 Boosting MLLM Reasoning with Text-Debiased Hint-GRPO, *Qihan Huang, Weilong Dai, Jinlong Liu, Wanggui He, Hao Jiang, Mingli Song, Jingyuan Chen, Chang Yao, Jie Song*
- 456 Towards Real Unsupervised Anomaly Detection Via Confident Meta-Learning, *Muhammad Aqeel, Shakiba Sharifi, Marco Cristani, Francesco Setti*
- 457 RIPE: Reinforcement Learning on Unlabeled Image Pairs for Robust Keypoint Extraction, *Johannes Künzel, Anna Hilsmann, Peter Eisert*
- 458 Efficient Adaptation of Pre-trained Vision Transformer underpinned by Approximately Orthogonal Fine-Tuning Strategy, *Yiting Yang, Hao Luo, Yuan Sun, Qingsen Yan, Haokui Zhang, Wei Dong, Guoqing Wang, Peng Wang, Yang Yang, Hengtao Shen*
- 459 DiffRefine: Diffusion-based Proposal Specific Point Cloud Densification for Cross-Domain Object Detection, ☆ *Sangyun Shin, Yuhang He, Xinyu Hou, Samuel Hodgson, Andrew Markham, Niki Trigoni*
- 460 On the Robustness Tradeoff in Fine-Tuning, *Kunyang Li, Jean-Charles Noiret Ferrand, Ryan Sheatsley, Blaine Hoak, Yohan Beugin, Eric Pauley, Patrick McDaniel*
- 461 Understanding Flatness in Generative Models: Its Role and Benefits, ☆ *Taehwan Lee, Kyeongkook Seo, Jaejun Yoo, Sung Whan Yoon*

11:30 - 13:30 Demos 1 (Exhibit Hall I)

- Spatially-Varying Autofocus, *Yingsi Qin, Aswin C Sankaranarayanan, Matthew O'Toole*
- Measuring the Performance of 6 DoF Object Pose Estimation for Robotic Bin Picking, *Kamel Saidi*
- Multi-turn Consistent Image Editing, *Zijun Zhou*
- AstroLoc: Robust Space to Ground Image Localizer, *Gabriele Berton, Alex Stoken, Carlo Masone*

13:30 - 14:45 Oral Session 2A: View Synthesis and Scene

(Exhibit Hall III)

Session Chairs: Hongdong Li, Federico Tombari

🏆 - Award candidate paper ☆ - Outstanding Reviewer

- 1 RayZer: A Self-supervised Large View Synthesis Model, *Hanwen Jiang, Hao Tan, Peng Wang, Haian Jin, Yue Zhao, Sai Bi, Kai Zhang, Fujun Luan, Kalyan Sunkavalli, Qixing Huang, Georgios Pavlakos*
- 2 EVER: Exact Volumetric Ellipsoid Rendering for Real-time View Synthesis, *Alexander Mai, Peter Hedman, George Kopanas, Dor Verbin, David Futschik, Qiangeng Xu, Falko Kuester, Jonathan T. Barron, Yinda Zhang*
- 3 Self-Ensembling Gaussian Splatting for Few-Shot Novel View Synthesis, *Chen Zhao, Xuan Wang, Tong Zhang, Saqib Javed, Mathieu Salzmann*
- 4 Back on Track: Bundle Adjustment for Dynamic Scene Reconstruction, *Weirong Chen, Ganlin Zhang, Felix Wimbauer, Rui Wang, Nikita Araslanov, Andrea Vedaldi, Daniel Cremers*
- 5 SceneSplat: Gaussian Splatting-based Scene Understanding with Vision-Language Pretraining, *Yue Li, Qi Ma, Runyi Yang, Huapeng Li, Mengjiao Ma, Bin Ren, Nikola Popovic, Nicu Sebe, Ender Konukoglu, Theo Gevers, Luc Van Gool, Martin R. Oswald, Danda Pani Paudel*

13:30 - 14:45 Oral Session 2B: Efficient Learning

(Kalakaua Ballroom)

Session Chairs: Jianfei Cai, Sara Beery

- 1 Variance-Based Pruning for Accelerating and Compressing Trained Networks, *Uranik Berisha, Jens Mehner, Alexandru Paul Condurache*
- 2 Importance-Based Token Merging for Efficient Image and Video Generation, *Haoyu Wu, Jingyi Xu, Hieu Le, Dimitris Samaras*
- 3 Knowledge Distillation for Learned Image Compression, *Yunuo Chen, Zezheng Lyu, Bing He, Ning Cao, Gang Chen, Guo Lu, Wenjun Zhang*
- 4 Distilling Diffusion Models to Efficient 3D LiDAR Scene Completion, *Shengyuan Zhang, An Zhao, Ling Yang, Zejian Li, Chenye Meng, Haoran Xu, Tianrun Chen, AnYang Wei, Perry Pengyun Gu, Lingyun Sun*
- 5 Heavy Labels Out! Dataset Distillation with Label Space Lightening, *Ruonan Yu, Songhua Liu, Zigeng Chen, Jingwen Ye, Xinchao Wang*

14:30 - 15:00 Poster Setup (Exhibit Hall I)**15:00 - 17:00 Poster Session 2 & Exhibit Hall with Coffee Break**

(Exhibit Hall I)

* - Highlight paper 🏆 - Award candidate paper

● - Oral Paper ☆ - Outstanding Reviewer

- 1 HAMSt3R: Human-Aware Multi-view Stereo 3D Reconstruction, *Sara Rojas, Matthieu Armando, Bernard Ghanem, Philippe Weinzaepfel, Vincent Leroy, Grégory Rogez*
- 2 Time-Aware Auto White Balance in Mobile Photography, *Mahmoud Afifi, Luxi Zhao, Abhijith Punnappurath, Mohamed A. Abdelsalam, Ran Zhang, Michael S. Brown*
- 3 Detect Anything 3D in the Wild, *Hanxue Zhang, Haoran Jiang, Qingsong Yao, Yanan Sun, Renrui Zhang, Hao Zhao, Hongyang Li, Hongzi Zhu, Zetong Yang*
- 4 VolumetricSMPL: A Neural Volumetric Body Model for Efficient Interactions, Contacts, and Collisions, *Marko Mihajlovic, Siwei Zhang, Gen Li, Kaifeng Zhao, Lea Muller, Siyu Tang*
- 5 Contact-Aware Refinement of Human Pose Pseudo-Ground Truth via Bioimpedance Sensing, *Maria-Paola Forte, Nikos Athanasiou, Giulia Ballardini, Jan Ulrich Bartels, Katherine J. Kuchenbecker, Michael J. Black*
- 6 Hyper-Depth: Hypergraph-based Multi-Scale Representation Fusion for Monocular Depth Estimation, *Lin Bie, Siqi Li, Yifan Feng, Yue Gao*

- 7 Quanta Neural Networks: From Photons to Perception, *Varun Sundar, Tianyi Zhang, Sacha Jungerman, Mohit Gupta*
- 8 EDFFDNet: Towards Accurate and Efficient Unsupervised Multi-Grid Image Registration, *Haokai Zhu, Bo Qu, Si-Yuan Cao, Runmin Zhang, Shujie Chen, Bailin Yang, Hui-Liang Shen*
- 9 AdaDrive: Self-Adaptive Slow-Fast System for Language-Grounded Autonomous Driving, *Ruifei Zhang, Junlin Xie, Wei Zhang, Weikai Chen, Xiao Tan, Xiang Wan, Guanbin Li*
- 10 SIGMAN: Scaling 3D Human Gaussian Generation with Millions of Assets, *Yuhang Yang, Fengqi Liu, Yixing Lu, Qin Zhao, Pingyu Wu, Wei Zhai, Ran Yi, Yang Cao, Lizhuang Ma, Zheng-Jun Zha, Junting Dong*
- 11 TAR3D: Creating High-Quality 3D Assets via Next-Part Prediction, *Xuying Zhang, Yutong Liu, Yangguang Li, Renrui Zhang, Yufei Liu, Kai Wang, Wanli Ouyang, Zhiwei Xiong, Peng Gao, Qibin Hou, Ming-Ming Cheng*
- 12 Depth Any Event Stream: Enhancing Event-based Monocular Depth Estimation via Dense-to-Sparse Distillation, *Jinjing Zhu, Tianbo Pan, Zidong Cao, Yexin Liu, James T. Kwok, Hui Xiong*
- 13 PRVQL: Progressive Knowledge-guided Refinement for Robust Egocentric Visual Query Localization, *Bing Fan, Yunhe Feng, Yaping Tian, James Chenhao Liang, Yuewei Lin, Yan Huang, Heng Fan*
- 14 WildSeg3D: Segment Any 3D Objects in the Wild from 2D Images, *Yansong Guo, Jie Hu, Yansong Qu, Liujuan Cao*
- 15 AerialVG: A Challenging Benchmark for Aerial Visual Grounding by Exploring Positional Relations, *Junli Liu, Qizhi Chen, Zhigang Wang, Yiwen Tang, Yiting Zhang, Chi Yan, Dong Wang, Xuelong Li, Bin Zhao*
- 16 Consistent Time-of-Flight Depth Denoising via Graph-Informed Geometric Attention, *Weida Wang, Changyong He, Jin Zeng, Di Qiu*
- 17 Extending Foundational Monocular Depth Estimators to Fisheye Cameras with Calibration Tokens, *Suchisrit Gangopadhyay, Jung-Hee Kim, Xien Chen, Patrick Rim, Hyoungseob Park, Alex Wong*
- 18 Selective Contrastive Learning for Weakly Supervised Affordance Grounding, *WonJun Moon, Hyun Seok Seong, Jae-Pil Heo*
- 19 OpenSubstance: A High-quality Measured Dataset of Multi-View and -Lighting Images and Shapes, *Fan Pei, Jinchen Bai, Xiang Feng, Zoubin Bi, Kun Zhou, Hongzhi Wu*
- 20 MGSfM: Multi-Camera Geometry Driven Global Structure-from-Motion, *Peilin Tao, Hainan Cui, Diantao Tu, Shuhan Shen*
- 21 PhysSplat: Efficient Physics Simulation for 3D Scenes via MLLM-Guided Gaussian Splatting, *Haoyu Zhao, Hao Wang, Xingyue Zhao, Hao Fei, Hongqiu Wang, Chengjiang Long, Hua Zou*
- 22 AllTracker: Efficient Dense Point Tracking at High Resolution, *Adam W. Harley, Yang You, Xinglong Sun, Yang Zheng, Nikhil Raghuraman, Yunqi Gu, Sheldon Liang, Wen-Hsuan Chu, Achal Dave, Suyu You, Rares Ambrus, Katerina Fragkiadaki, Leonidas Guibas*
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- 24 LONG3R: Long Sequence Streaming 3D Reconstruction, *Zhuoguang Chen, Minghui Qin, Tianyuan Yuan, Zhe Liu, Hang Zhao*
- 25 DAMap: Distance-aware MapNet for High Quality HD Map Construction, *Jinpeng Dong, Chen Li, Yutong Lin, Jingwen Fu, Sanping Zhou, Nanning Zheng*
- 26 VGMamba: Attribute-to-Location Clue Reasoning for Quantity-Agnostic 3D Visual Grounding, *Yihang Zhu, Jinhao Zhang, Yuxuan Wang, Aming Wu, Cheng Deng*
- 27 OV3D-CG: Open-vocabulary 3D Instance Segmentation with Contextual Guidance, *Mingquan Zhou, Chen He, Ruiping Wang, Xilin Chen*
- 28 AnnotFreeOD: Detecting All Classes at Low Frame Rates Without Human Annotations, *Boyi Sun, Yuhang Liu, Houxin He, Yonglin Tian, Fei-Yue Wang*
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- 31 DAVID: Data-efficient and Accurate Vision Models from Synthetic Data, *Fatemeh Saleh, Sadeh Aliakbarian, Charlie Hewitt*

- Lohit Petikam, Xian Xiao, Antonio Criminisi, Thomas J. Cashman, Tadas Baltrusaitis
- 32 Marigold-DC: Zero-Shot Monocular Depth Completion with Guided
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- 34 Bayesian-Inspired Space-Time Superpixels, Kent Gauen, Stanley Chan
- 35 Multimodal LLM Guided Exploration and Active Mapping using Fisher Information, Wen Jiang, Bosshu Lei, Katrina Ashton, Kostas Daniilidis
- 36 Multispectral Demosaicing via Dual Cameras, SaiKiran Tedla,
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- 40 PBFG: A New Physically-Based Dataset and Removal of Lens Flares and Glares, Jie Zhu, Sungkil Lee
- 41 Met2Net: A Decoupled Two-Stage Spatio-Temporal Forecasting Model for Complex Meteorological Systems, Shaohan Li, Hao Yang, Min Chen, Xiaolin Qin
- 42 GSOT3D: Towards Generic 3D Single Object Tracking in the Wild, Yifan Jiao, Yunhao Li, Junhua Ding, Qing Yang, Song Fu, Heng Fan, Libo Zhang
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☆ Vision-and-Language Navigation, Siqi Zhang, Yanyuan Qiao, Qunbo Wang, Zike Yan, Qi Wu, Zhihua Wei, Jing Liu
- 47 TriDi: Trilateral Diffusion of 3D Humans, Objects, and Interactions, Ilya A. Petrov, Riccardo Marin, Julian Chibane, Gerard Pons-Moll
- 48 NavMorph: A Self-Evolving World Model for Vision-and-Language Navigation in Continuous Environments, Xuan Yao, Junyu Gao, Changsheng Xu
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- 55 PoseSyn: Synthesizing Diverse 3D Pose Data from In-the-Wild 2D Data, ChangHee Yang, Hyeonseop Song, Seokhun Choi, Seungwoo Lee, Jaechul Kim, Hoseok Do
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- 60 FlowSeek: Optical Flow Made Easier with Depth Foundation Models
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- 65 DepR: Depth Guided Single-view Scene Reconstruction with Instance-level Diffusion, Qingcheng Zhao, Xiang Zhang, Haiyang Xu, Zeyuan Chen, Jianwen Xie, Yuan Gao, Zhuowen Tu
- 66 XTrack: Multimodal Training Boosts RGB-X Video Object
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- 127 OVA-Fields: Weakly Supervised Open-Vocabulary Affordance Fields for Robot Operational Part Detection, *Heng Su, Mengying Xie, Nieqing Cao, Yan Ding, Beichen Shao, Xianlei Long, Fuqiang Gu, Chao Chen*
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- 130 RoboTrom-Nav: A Unified Framework for Embodied Navigation Integrating Perception, Planning, and Prediction, *Yufeng Zhong, Chengjian Feng, Feng Yan, Fanfan Liu, Liming Zheng, Lin Ma*
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- 427 Teaching VLMs to Localize Specific Objects from In-context Examples, Sivan Doveh, Nimrod Shabtay, Eli Schwartz, Hilde Kuehne, Raja Giryes, Rogerio Feris, Leonid Karlinsky, James Glass, Assaf Arbelle, Shimon Ullman, M. Jehanzeb Mirza
- 428 Dark-ISP: Enhancing RAW Image Processing for Low-Light Object Detection, Jiasheng Guo, Xin Gao, Yuxiang Yan, Guanghao Li, Jian Pu
- 429 Parameter-Efficient Adaptation of Geospatial Foundation Models through Embedding Deflection, Romain Thoreau, Valerio Marsocci, Dawa Derksen
- 430 MeasureXpert: Automatic Anthropometric Measurement Extraction from Two Unregistered, Partial, Posed, and Dressed Body Scans, Ran Zhao, Xinxin Dai, Pengpeng Hu, Vasile Palade, Adrian Munteanu
- 431 SDFit: 3D Object Pose and Shape by Fitting a Morphable SDF to a Single Image, Dimitrije Antić, Georgios Paschalidis, Shashank Tripathi, Theo Gevers, Sai Kumar Dwivedi, Dimitrios Tzionas
- 432 Details Matter for Indoor Open-vocabulary 3D Instance Segmentation, Sanghun Jung, Jingjing Zheng, Ke Zhang, Nan Qiao, Albert Y. C. Chen, Lu Xia, Chi Liu, Yuyin Sun, Xiao Zeng, Hsiang-Wei Huang, Byron Boots, Min Sun, Cheng-Hao Kuo
- 433 FlashDepth: Real-time Streaming Video Depth Estimation at 2K Resolution, * Gene Chou, Wenqi Xian, Guandao Yang, Mohamed Abdelfattah, Bharath Hariharan, Noah Snively, Ning Yu, Paul Debevec
- 434 Self-supervised Learning of Hybrid Part-aware 3D Representations of 2D Gaussians and Superquadrics, Zhirui Gao, Renjiao Yi, Yuhang Huang, Wei Chen, Chenyang Zhu, Kai Xu
- 435 Shape of Motion: 4D Reconstruction from a Single Video, * Qianqian Wang, Vickie Ye, Hang Gao, Weijia Zeng, Jake Austin, Zhengqi Li, Angjoo Kanazawa
- 436 Amodal Depth Anything: Amodal Depth Estimation in the Wild, Zhenyu Li, Mykola Lavreniuk, Jian Shi, Shariq Farooq Bhat, Peter Wonka
- 437 Training-Free Personalization via Retrieval and Reasoning on Fingerprints, ☆ Deepayan Das, Davide Talon, Yiming Wang, Massimiliano Mancini, Elisa Ricci
- 438 TAPNext: Tracking Any Point (TAP) as Next Token Prediction, Artem Zholus, Carl Doersch, Yi Yang, Skanda Koppula, Viorica Patrascu, Xu Owen He, Ignacio Rocco, Mehdi S. M. Sajjadi, Sarath Chandra, Ross Goroshin
- 439 PartField: Learning 3D Feature Fields for Part Segmentation and Beyond, Minghua Liu, Mikaela Angelina Uy, Donglai Xiang, Hao Su, Sanja Fidler, Nicholas Sharp, Jun Gao
- 440 RetinexMCNet: A Memory Controller Dominated Network for Low-Light Video Enhancement Based on Retinex, Meiao Wang, Xuejing Kang, Yaxi Lu, Jie Xu
- 441 ViewSRD: 3D Visual Grounding via Structured Multi-View Decomposition, Ronggang Huang, Haoxin Yang, Yan Cai, Xuemiao Xu, Huaidong Zhang, Shengfeng He
- 442 GeoProg3D: Compositional Visual Reasoning for City-Scale 3D Language Fields, Shunsuke Yasuki, Taiki Miyaniishi, Nakamasa Inoue, Shuhei Kurita, Koya Sakamoto, Daichi Azuma, Masato Taki, Yutaka Matsuo
- 443 Bridging the Sky and Ground: Towards View-Invariant Feature Learning for Aerial-Ground Person Re-Identification, Wajahat Khalid, Bin Liu, Xulin Li, Muhammad Waqas, Muhammad Sher Afgan
- 444 CoA-VLA: Improving Vision-Language-Action Models via Visual-Text Chain-of-Affordance, Jinming Li, Yichen Zhu, Zhibin Tang, Junjie Wen, Minjie Zhu, Xiaoyu Liu, Chengmeng Li, Ran Cheng, Yaxin Peng, Yan Peng, Feifei Feng
- 445 Removing Out-of-Focus Reflective Flares via Color Alignment, Fengbo Lan, Chang Wen Chen
- 446 Proactive Scene Decomposition and Reconstruction, Baicheng Li, ☆ Zike Yan, Dong Wu, Hongbin Zha
- 447 Unified Category-Level Object Detection and Pose Estimation from RGB Images using 3D Prototypes, Tom Fischer, Xiaojie Zhang, Eddy Ilg
- 448 CAD-Recode: Reverse Engineering CAD Code from Point Clouds, Danila Rukhovich, Elona Dupont, Dimitrios Mallis, Kseniya Cherenkova, Anis Kacem, Djamilia Aouada
- 449 EvRT-DETR: Latent Space Adaptation of Image Detectors for Event-based Vision, Dmitrii Torbunov, Yihui Ren, Animesh Ghose, Odera Dim, Yonggang Cui
- 450 A Hyperdimensional One Place Signature to Represent Them All: ☆ Stackable Descriptors For Visual Place Recognition, Connor Malone, Somayeh Hussaini, Tobias Fischer, Michael Milford
- 451 IRASim: A Fine-Grained World Model for Robot Manipulation, Fangqi Zhu, Hongtao Wu, Song Guo, Yuxiao Liu, Chilam Cheang, Tao Kong
- 452 WalkVLM: Aid Visually Impaired People Walking by Vision Language Model, Zhiqiang Yuan, Ting Zhang, Yeshuang Zhu, Jiawei Zhang, Ying Deng, Zexi Jia, Peixiang Luo, Xiaoyue Duan, Jie Zhou, Jinchao Zhang
- 453 CCL-LGS: Contrastive Codebook Learning for 3D Language Gaussian Splatting, Lei Tian, Xiaomin Li, Liqian Ma, Hao Yin, Zirui Zheng,

454 LDPose: Towards Inclusive Human Pose Estimation for Limb-Deficient Individuals in the Wild, *Jiaying Ying, Heming Du, Kaihao Zhang, Lincheng Li, Xin Yu*

15:00 - 17:00 Demos 2 (Exhibit Hall I)

- Notes:**

Wednesday, October 22

7:30 - 17:00	Registration / Badge Pickup (HCC Main Lobby)
7:00 - 17:00	Nursing Pod 
7:00 - 17:00	Prayer / Quiet Room / Mother's Room (326 A)
7:30 - 9:00	Breakfast (Exhibit Hall II)
8:00 - 9:15	Oral Session 3A: Foundation Models and Representation (Exhibit Hall III)
8:00 - 9:15	Oral Session 3B: Human Modeling (Kalakaua Ballroom)
9:15 - 10:15	Coffee Break (Exhibit Hall II)
9:00 - 9:30	Poster Setup (Exhibit Hall I)
9:30 - 10:30	Keynote (Exhibit Hall III)
10:45 - 12:45	Poster Session 3 & Exhibit Hall (Exhibit Hall I)
10:45 - 12:45	Demos 3 (Exhibit Hall I)
11:00 - 13:00	Lunch (Exhibit Hall II / Overflow Seating Rooftop and Third Floor)
11:00 - 13:00	Doctoral Consortium (301 A+ B)
13:00 - 14:15	Oral Session 4A: Vision + Graphics (Exhibit Hall III)
13:00 - 14:15	Oral Session 4B: 3D Pose Understanding (Kalakaua Ballroom)
14:00 - 14:30	Poster Setup (Exhibit Hall I)
14:30 - 16:30	Poster Session 4 & Exhibit Hall with Coffee Break (Exhibit Hall I)
14:30 - 16:30	Demos 4 (Exhibit Hall I)
16:45 - 17:45	PAMI TC Meeting (Exhibit Hall III)
18:30 - 20:00	Reception (Hilton Lawn)

8:00-9:15 Oral Session 3A: Foundation Models and Representation (Exhibit Hall III)

Session Chairs: Bryan A. Plummer, Yujun Cai

 - Award candidate paper  - Outstanding Reviewer

- 1 RS-vHeat: Heat Conduction Guided Efficient Remote Sensing Foundation Model, *Huiyang Hu, Peijin Wang, Hanbo Bi, Boyuan Tong, Zhaozhi Wang, Wenhui Diao, Hao Chang, Yingchao Feng, Ziqi Zhang, Yaowei Wang, Qixiang Ye, Kun Fu, Xian Sun*
- 2  Towards a Unified Copernicus Foundation Model for Earth Vision, *Yi Wang, Zhitong Xiong, Chenying Liu, Adam J. Stewart, Thomas Dujardin, Nikolaos Ioannis Bountos, Angelos Zavras, Franziska Gerken, Ioannis Papoutsis, Laura Leal-Taixé, Xiao Xiang Zhu*
- 3 Learning Streaming Video Representation via Multitask Training, *Yibin Yan, Jilan Xu, Shangzhe Di, Yikun Liu, Yudi Shi, Qirui Chen, Zeqian Li, Yifei Huang, Weidi Xie*
- 4 LoftUp: Learning a Coordinate-Based Feature Upsampler for Vision Foundation Models, *Haiwen Huang, Anpei Chen, Volodymyr Havrylov, Andreas Geiger, Dan Zhang*
- 5 Learning Visual Hierarchies in Hyperbolic Space for Image Retrieval, *Ziwei Wang, Sameera Ramasinghe, Chenchen Xu, Julien Monteil, Loris Bazzani, Thalayasingam Ajanthan*
- 6 GMMamba: Group Masking Mamba for Whole Slide Image Classification, *Tingting Zheng, Hongxun Yao, Kui Jiang, Yi Xiao, Sicheng Zhao*

8:00-9:15 Oral Session 3B: Human Modeling (Kalakaua Ballroom)

Session Chairs: Jiri Matas, Yuexin Ma

- 1 NullSwap: Proactive Identity Cloaking Against Deepfake Face Swapping, *Tianyi Wang, Shuaicheng Niu, Harry Cheng, Xiao Zhang, Yinglong Wang*

- 2  MaskControl: Spatio-Temporal Control for Masked Motion Synthesis, *Ekkasit Pinyoanuntapong, Muhammad Saleem, Korrawe Karunratanakul, Pu Wang, Hongfei Xue, Chen Chen, Chuan Guo, Junli Cao, Jian Ren, Sergey Tulyakov*
- 3  HairCUP: Hair Compositional Universal Prior for 3D Gaussian Avatars, *Byungjun Kim, Shunsuke Saito, Giljoo Nam, Tomas Simon, Jason Saragih, Hanbyul Joo, Junxuan Li*
- 4 Understanding Co-speech Gestures in-the-wild, *Sindhu B Hegde, K R Prajwal, Taein Kwon, Andrew Zisserman*
- 5 DPoser-X: Diffusion Model as Robust 3D Whole-body Human Pose Prior, *Junzhe Lu, Jing Lin, Hongkun Dou, Ailing Zeng, Yue Deng, Xian Liu, Zhongang Cai, Lei Yang, Yulun Zhang, Haoqian Wang, Ziwei Liu*
- 6 Teeth Reconstruction and Performance Capture Using a Phone Camera, *Weixi Zheng, Jingwang Ling, Zhibo Wang, Quan Wang, Feng Xu*

9:15 - 10:15 Coffee Break (Exhibit Hall II)

9:00 - 9:30 Poster Setup (Exhibit Hall I)

9:30 - 10:30 Keynote (Exhibit Hall III)

Brent Seales, Stanley and Karen Pigman Chair of Heritage Science and Professor of Computer Science at the University of Kentucky

10:45 - 12:45 Poster Session 3 & Exhibit Hall (Exhibit Hall I)

* - Highlight paper  - Award candidate paper

○ - Oral Paper  - Outstanding Reviewer

- 1 Error Recognition in Procedural Videos using Generalized Task Graph, *Shih-Po Lee, Ehsan Elhamifar*
- 2 MoMaps: Semantics-Aware Scene Motion Generation with Motion Maps, *Jiahui Lei, Kyle Genova, George Kopanas, Noah Snively, Leonidas Guibas*
- 3 LongAnimation: Long Animation Generation with Dynamic Global-Local Memory, *Nan Chen, Mengqi Huang, Yihao Meng, Zhendong Mao*
- 4 VIGFace: Virtual Identity Generation for Privacy-Free Face Recognition Dataset, *Minsoo Kim, Min-Cheol Sagong, Gi Pyo Nam, Junghyun Cho, Ig-Jae Kim*
- 5 COVTrack: Continuous Open-Vocabulary Tracking via Adaptive Multi-Cue Fusion, *Zekun Qian, Ruize Han, Zhixiang Wang, Junhui Hou, Wei Feng*
- 6 CanonSwap: High-Fidelity and Consistent Video Face Swapping via Canonical Space Modulation, *Xiangyang Luo, Ye Zhu, Yunfei Liu, Lijian Lin, Cong Wan, Zijian Cai, Yu Li, Shao-Lun Huang*
- 7 RoboFactory: Exploring Embodied Agent Collaboration with Compositional Constraints, *Yiran Qin, Li Kang, Xiufeng Song, Zhenfei Yin, Xiaohong Liu, Xihui Liu, Ruimao Zhang, Lei Bai*
- 8 MotionStreamer: Streaming Motion Generation via Diffusion-based Autoregressive Model in Causal Latent Space, *Lixing Xiao, Shunlin Lu, Huaijin Pi, Ke Fan, Liang Pan, Yueer Zhou, Ziyong Feng, Xiaowei Zhou, Sida Peng, Jingbo Wang*
- 9 RapVerse: Coherent Vocals and Whole-Body Motion Generation from Text, *Jiabao Chen, Xin Yan, Yihang Chen, Siyuan Cen, Zixin Wang, Qinwei Ma, Haoyu Zhen, Kaizhi Qian, Lie Lu, Chuang Gan*
- 10  GGTalker: Talking Head Synthesis with Generalizable Gaussian Priors and Identity-Specific Adaptation, *Wentao Hu, Shunkai Li, Ziqiao Peng, Haoxian Zhang, Fan Shi, Xiaoqiang Liu, Pengfei Wan, Di Zhang, Hui Tian*
- 11 RoboPearls: Editable Video Simulation for Robot Manipulation, *Tang Tao, Likui Zhang, Youpeng Wen, Kaidong Zhang, Jia-Wang Bian, Xia Zhou, Tianyi Yan, Kun Zhan, Peng Jia, Hefeng Wu, Liang Lin, Xiaodan Liang*
- 12 GraspCoT: Integrating Physical Property Reasoning for 6-DoF Grasping under Flexible Language Instructions, *Xiaomeng Chu, Jiajun Deng, Guoliang You, Wei Liu, Xingchen Li, Jianmin Ji, Yanyong Zhang*
- 13 Asynchronous Event Error-Minimizing Noise for Safeguarding Event Dataset, *Ruofei Wang, Peiqi Duan, Boxin Shi, Renjie Wan*
- 14 Exploiting Diffusion Prior for Task-driven Image Restoration, *Jaeha Kim, Junghun Oh, Kyoung Mu Lee*

- 15 Bridging Class Imbalance and Partial Labeling via Spectral-Balanced Energy Propagation for Skeleton-based Action Recognition, *Yandan Wang, Chenqi Guo, Yinglong Ma, Jiangyan Chen, Yuan Gao, Weiming Dong*
- 16 Towards Immersive Human-X Interaction: A Real-Time Framework for Physically Plausible Motion Synthesis, *Kaiyang Ji, Ye Shi, Zichen Jin, Kangyi Chen, Lan Xu, Yuexin Ma, Jingyi Yu, Jingya Wang*
- 17 SynFER: Towards Boosting Facial Expression Recognition with Synthetic Data, *Xilin He, Cheng Luo, Xiaole Xian, Bing Li, Muhammad Haris Khan, Zongyuan Ge, Weicheng Xie, Siyang Song, Linlin Shen, Bernard Ghanem, Xiangyu Yue*
- 18 ImHead: A Large-scale Implicit Morphable Model for Localized Head Modeling, *Rolandos Alexandros Potamias, Stathis Galanakis, Jiankang Deng, Athanasios Papaioannou, Stefanos Zafeiriou*
- 19 Animate Anyone 2: High-Fidelity Character Image Animation with Environment Affordance, *Li Hu, Guangyuan Wang, Zhen Shen, Xin Gao, Dechao Meng, Lian Zhuo, Peng Zhang, Bang Zhang, Liefeng Bo*
- 20 PVMamba: Parallelizing Vision Mamba via Dynamic State Aggregation, *Fei Xie, Zhongdao Wang, Weijia Zhang, Chao Ma*
- 21 FlowStyler: Artistic Video Stylization via Transformation Fields Transports, *Yuning Gong, Jiaming Chen, Xiaohua Ren, Yuanjun Liao, Yanci Zhang*
- 22 Controllable and Expressive One-Shot Video Head Swapping, *Chaonan Ji, Jinwei Qi, Peng Zhang, Bang Zhang, Liefeng Bo*
- 23 Multi-modal Multi-platform Person Re-identification: Benchmark and Method, *Ruiyang Ha, Songyi Jiang, Bin Li, Bikang Pan, Yihang Zhu, Junjie Zhang, Xiatian Zhu, Shaogang Gong, Jingya Wang*
- 24 HERO: Human Reaction Generation from Videos, *Chengjun Yu, Wei Zhai, Yuhang Yang, Yang Cao, Zheng-Jun Zha*
- 25 Mixture of Experts Guided by Gaussian Splatters Matters: A new Approach to Weakly-Supervised Video Anomaly Detection, *Giacomo D' Amicantonio, Snehashis Majhi, Quan Kong, Lorenzo Garattoni, Gianpiero Francesca, Francois Bremond, Egor Bondarev*
- 26 What If: Understanding Motion Through Sparse Interactions, *Stefan Andreas Baumann, Nick Stracke, Timy Phan, Björn Ommer*
- 27 PROGRESSOR: A Perceptually Guided Reward Estimator with Self-Supervised Online Refinement, *Tewodros W. Ayalew, Xiao Zhang, Kevin Yuanbo Wu, Tianchong Jiang, Michael Maire, Matthew R. Walter*
- 28 How Far are AI-generated Videos from Simulating the 3D Visual World: A Learned 3D Evaluation Approach, *Chirui Chang, Jiahui Liu, Zhengzhe Liu, Xiaoyang Lyu, Yi-Hua Huang, Xin Tao, Pengfei Wan, Di Zhang, Xiaojuan Qi*
- 29 UniEgoMotion: A Unified Model for Egocentric Motion Reconstruction, Forecasting, and Generation, *Chaitanya Patel, Hiroki Nakamura, Yuta Kyuragi, Kazuki Kozuka, Juan Carlos Niebles, Ehsan Adeli*
- 30 DAViD: Modeling Dynamic Affordance of 3D Objects Using Pre-trained Video Diffusion Models, *Hyeonwoo Kim, Sangwon Baik, Hanbyul Joo*
- 31 DNF-Intrinsic: Deterministic Noise-Free Diffusion for Indoor Inverse Rendering, *Rongjia Zheng, Qing Zhang, Chengjiang Long, Wei-Shi Zheng*
- 32 RoboAnnotatorX: A Comprehensive and Universal Annotation Framework for Accurate Understanding of Long-horizon Robot Demonstration, *Longxin Kou, Fei Ni, Yan Zheng, Peilong Han, Jinyi Liu, Haiqin Cui, Rui Liu, Jianye Hao*
- 33 FaceShield: Defending Facial Image against Deepfake Threats, *Jaehwan Jeong, Sumin In, Sieun Kim, Hannie Shin, Jongheon Jeong, Sang Ho Yoon, Jaewook Chung, Sangpil Kim*
- 34 Task-Oriented Human Grasp Synthesis via Context- and Task-Aware Diffusers, *An-Lun Liu, Yu-Wei Chao, Yi-Ting Chen*
- 35 Ouroboros: Single-step Diffusion Models for Cycle-consistent Forward and Inverse Rendering, *Shanlin Sun, Yifan Wang, Hanwen Zhang, Yifeng Xiong, Qin Ren, Ruogu Fang, Xiaohui Xie, Chenyu You*
- 36 Expressive Talking Human from Single-Image with Imperfect Priors, *Jun Xiang, Yudong Guo, Leipeng Hu, Boyang Guo, Yancheng Yuan, Juyong Zhang*
- 37 InteractAvatar: Modeling Hand-Face Interaction in Photorealistic Avatars with Deformable Gaussians, *Kefan Chen, Sreyas Mohan, Justin Theiss, Sergiu Oprea, Srinath Sridhar, Aayush Prakash*
- 38 Beyond Label Semantics: Language-Guided Action Anatomy for Few-shot Action Recognition, *Zefeng Qian, Xincheng Yao, Yifei Huang, Chongyang Zhang, Jiangyong Ying, Hong Sun*
- 39 DynFaceRestore: Balancing Fidelity and Quality in Diffusion-Guided Blind Face Restoration with Dynamic Blur-Level Mapping and Guidance, *Huu-Phu Do, Yu-Wei Chen, Yi-Cheng Liao, Chi-Wei Hsiao, Han-Yang Wang, Wei-Chen Chiu, Ching-Chun Huang*
- 40 Few-Shot Image Quality Assessment via Adaptation of Vision-Language Models, *Xudong Li, Zihao Huang, Yan Zhang, Yunhang Shen, Ke Li, Xiaowu Zheng, Liujuan Cao, Rongrong Ji*
- 41 Unleashing High-Quality Image Generation in Diffusion Sampling Using Second-Order Levenberg-Marquardt-Langevin, *Fangyikang Wang, Hubery Yin, Lei Qian, Yinan Li, Shaobin Zhuang, Huminhao Zhu, Yilin Zhang, Yanlong Tang, Chao Zhang, Hanbin Zhao, Hui Qian, Chen Li*
- 42 VISION-XL: High Definition Video Inverse Problem Solver using Latent Image Diffusion Models, *Taesung Kwon, Jong Chul Ye*
- 43 Dynamic Group Detection using VLM-augmented Temporal Groupness Graph, *Kaname Yokoyama, Chihiro Nakatani, Norimichi Ukita*
- 44 When Lighting Deceives: Exposing Vision-Language Models' Illumination Vulnerability Through Illumination Transformation Attack, *Hanqing Liu, Shouwei Ruan, Yao Huang, Shiji Zhao, Xingxing Wei*
- 45 Self-Calibrated Variance-Stabilizing Transformations for Real-World Image Denoising, *Sébastien Herbreteau, Michael Unser*
- 46 Reverse Convolution and Its Applications to Image Restoration, *Xuhong Huang, Shiqi Liu, Kai Zhang, Ying Tai, Jian Yang, Hui Zeng, Lei Zhang*
- 47 MamTiff-CAD: Multi-Scale Latent Diffusion with Mamba+ for Complex Parametric Sequence, *Liyuan Deng, Yunpeng Bai, Yongkang Dai, Xiaoshui Huang, Hongping Gan, Dongshuo Huang, Hao Jiacheng, Yilei Shi*
- 48 Local Scale Equivariance with Latent Deep Equilibrium Canonicalizer, *Md Ashiqur Rahman, Chiao-An Yang, Michael N. Cheng, Lim Jun Hao, Jeremiah Jiang, Teck-Yian Lim, Raymond A. Yeh*
- 49 HOMO-Feature: Cross-Arbitrary-Modal Image Matching with Homomorphism of Organized Major Orientation, *Chenzhong Gao, Wei Li, Desheng Weng*
- 50 DynamicID: Zero-Shot Multi-ID Image Personalization with Flexible Facial Editability, *Xirui Hu, Jiahao Wang, Hao Chen, Weizhan Zhang, Benqi Wang, Yikun Li, Haishun Nan*
- 51 FreeDance: Towards Harmonic Free-Number Group Dance Generation via a Unified Framework, *Yiwen Zhao, Yang Wang, Liting Wen, Hengyuan Zhang, Xingqun Qi*
- 52 SILO: Solving Inverse Problems with Latent Operators, *Ron Raphaeli, Sean Man, Michael Elad*
- 53 Learning Precise Affordances from Egocentric Videos for Robotic Manipulation, *Gen Li, Nikolaos Tsagkas, Jifei Song, Ruairidh Mon-Williams, Sethu Vijayakumar, Kun Shao, Laura Sevilla-Lara*
- 54 EfficientMT: Efficient Temporal Adaptation for Motion Transfer in Text-to-Video Diffusion Models, *Yufei Cai, Hu Han, Yuxiang Wei, Shiguang Shan, Xilin Chen*
- 55 X-Dancer: Expressive Music to Human Dance Video Generation, *Zeyuan Chen, Hongyi Xu, Guoxian Song, You Xie, Chenxu Zhang, Xin Chen, Chao Wang, Di Chang, Linjie Luo*
- 56 DeepMesh: Auto-Regressive Artist-mesh Creation with Reinforcement Learning, *Ruowen Zhao, Junliang Ye, Zhengyi Wang, Guangce Liu, Yiwen Chen, Yikai Wang, Jun Zhu*
- 57 SAM Encoder Breach by Adversarial Simplicial Complex Triggers Downstream Model Failures, *Yi Qin, Rui Wang, Tao Huang, Tong Xiao, Liping Jing*
- 58 Text-IRSTD: Leveraging Semantic Text to Promote Infrared Small Target Detection in Complex Scenes, *Feng Huang, Shuyuan Zheng, Zhaobing Qiu, Huanxian Liu, Huanxin Bai, Liqiong Chen*
- 59 AMDANet: Attention-Driven Multi-Perspective Discrepancy Alignment for RGB-Infrared Image Fusion and Segmentation, *Haifeng Zhong, Fan Tang, Zhuo Chen, Hyung Jin Chang, Yixing Gao*
- 60 Im2Haircut: Single-view Strand-based Hair Reconstruction for Human Avatars, *Vanessa Sklyarova, Egor Zakharov, Malte Prinzler,*

- Giorgio Becherini, Michael J. Black, Justus Thies
- 61 AFUNet: Cross-Iterative Alignment-Fusion Synergy for HDR Reconstruction via Deep Unfolding Paradigm, Xinyue Li, Zhangkai Ni, Wenhan Yang
- 62 PINO: Person-Interaction Noise Optimization for Long-Duration and
- ☆ Customizable Motion Generation of Arbitrary-Sized Groups, Sakuya Ota, Qing Yu, Kent Fujiwara, Satoshi Ikehata, Ikuro Sato
- 63 TeRA: Rethinking Text-guided Realistic 3D Avatar Generation, Yanwen Wang, Yiyu Zhuang, Jiawei Zhang, Li Wang, Yifei Zeng, Xun Cao, Xinxin Zuo, Hao Zhu
- 64 A Unified Framework for Motion Reasoning and Generation in Human Interaction, Jeongeun Park, Sungjoon Choi, Sangdoo Yun
- 65 Open-World Skill Discovery from Unsegmented Demonstration Videos, Jingwen Deng, Zihao Wang, Shaofei Cai, Anji Liu, Yitao Liang
- 66 CLOT: Closed Loop Optimal Transport for Unsupervised Action Segmentation, Elena Bueno-Benito, Mariella Dimiccoli
- 67 Deep Adaptive Unfolded Network via Spatial Morphology Stripping and Spectral Filtration for Pan-sharpening, Hebaixu Wang, Jiayi Ma
- 68 EgoAdapt: Adaptive Multisensory Distillation and Policy Learning for Efficient Egocentric Perception, Sanjoy Chowdhury, Subrata Biswas, Sayan Nag, Tushar Nagarajan, Calvin Murdock, Ishwarya Ananthabhotla, Yijun Qian, Vamsi Krishna Ithapu, Dinesh Manocha, Ruohan Gao
- 69 Towards Human-like Virtual Beings: Simulating Human Behavior in 3D Scenes, Chen Liang, Wenguan Wang, Yi Yang
- 70 Reference-based Super-Resolution via Image-based Retrieval-Augmented Generation Diffusion, Byeonghun Lee, Hyunmin Cho, Hong Gyu Choi, Soo Min Kang, Iljun Ahn, Kyong Hwan Jin
- 71 Dual-Temporal Exemplar Representation Network for Video Semantic Segmentation, Xiaolong Xu, Lei Zhang, Jiayi Li, Lituan Wang, Yifan Guan, Yu Yan, Leyi Zhang, Hao Song
- 72 Vulnerability-Aware Spatio-Temporal Learning for Generalizable Deepfake Video Detection, Dat Nguyen, Marcella Astrid, Anis Kacem, Enjie Ghorbel, Djamilia Aouada
- 73 Multi-modal Identity Extraction, Ryan Webster,
- ☆ Teddy Furon
- 74 NullSwap: Proactive Identity Cloaking Against Deepfake Face Swapping, Tianyi Wang, Shuaicheng Niu, Harry Cheng, Xiao Zhang, Yinglong Wang
- 75 LoftUp: Learning a Coordinate-Based Feature Upsampler for
- Vision Foundation Models, Haiwen Huang, Anpei Chen, Volodymyr Havrylov, Andreas Geiger, Dan Zhang
- 76 Joint Self-Supervised Video Alignment and Action Segmentation, Ali Shah Ali, Syed Ahmed Mahmood, Mubin Saeed, Andrey Konin, M. Zeeshan Zia, Quoc-Huy Tran
- 77 VSSD: Vision Mamba with Non-Causal State Space Duality, Yuheng Shi, Mingjia Li, Minjing Dong, Chang Xu
- 78 EgoM2P: Egocentric Multimodal Multitask Pretraining, Gen Li, Yutong Chen, Yiqian Wu, Kaifeng Zhao, Marc Pollefeys, Siyu Tang
- 79 Efficient Multi-Person Motion Prediction by Lightweight Spatial and Temporal Interactions, Yuanhong Zheng, Ruixuan Yu, Jian Sun
- 80 E-NeMF: Event-based Neural Motion Field for Novel Space-time View
- ☆ Synthesis of Dynamic Scenes, Yan Liu, Zehao Chen, Haojie Yan, De Ma, Huajin Tang, Qian Zheng, Gang Pan
- 81 LayerAnimate: Layer-level Control for Animation, Yuxue Yang, Lue Fan, Zuzeng Lin, Feng Wang, Zhaoxiang Zhang
- 82 AnimeGamer: Infinite Anime Life Simulation with Next Game State Prediction, Junhao Cheng, Yuying Ge, Yixiao Ge, Jing Liao, Ying Shan
- 83 HUMOTO: A 4D Dataset of Mocap Human Object Interactions, Jiabin Lu, Chun-Hao Paul Huang, Uttaran Bhattacharya, Qixing Huang, Yi Zhou
- 84 InfiniteYou: Flexible Photo Recrafting While Preserving Your Identity,
- * Liming Jiang, Qing Yan, Yumin Jia, Zichuan Liu, Hao Kang, Xin Lu
- 85 Enhanced Pan-sharpening via Quaternion Spatial-Spectral Interactions, Dong Li, Chunhui Luo, Yuanfei Bao, Gang Yang, Jie Xiao, Xueyang Fu, Zheng-Jun Zha
- 86 CombatVLA: An Efficient Vision-Language-Action Model for Combat Tasks in 3D Action Role-Playing Games, Peng Chen, Pi Bu, Yingyao Wang, Xinyi Wang, Ziming Wang, Jie Guo, Yingxiu Zhao, Qi Zhu, Jun Song, Siran Yang, Jiamang Wang, Bo Zheng
- 87 GestureLSM: Latent Shortcut based Co-Speech Gesture Generation with Spatial-Temporal Modeling, Pinxin Liu, Luchuan Song, Junhua Huang, Haiyang Liu, Chenliang Xu
- 88 MonStER: a Unified Model for Motion, Scene, Text Retrieval, Luca Collorone, Matteo Gioia, Massimiliano Pappa, Paolo Leoni, Giovanni Ficarra, Or Litany, Indro Spinelli, Fabio Galasso
- 89 UDC-VIT: A Real-World Video Dataset for Under-Display Cameras,
- * Kyusu Ahn, JiSoo Kim, Sangik Lee, HyunGyu Lee, Byeonghyun Ko, Chanwoo Park, Jaejin Lee
- 90 Nautilus: Locality-aware Autoencoder for Scalable Mesh Generation, Yuxuan Wang, Xuanyu Yi, Haohan Weng, Qingshan Xu, Xiaokang Wei, Xianghui Yang, Chunchao Guo, Long Chen, Hanwang Zhang
- 91 Blind Video Super-Resolution based on Implicit Kernels, Qiang Zhu, Yuxuan Jiang, Shuyuan Zhu, Fan Zhang, David Bull, Bing Zeng
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- 382 I2VControl: Disentangled and Unified Video Motion Synthesis Control, *Wanquan Feng, Tianhao Qi, Jiawei Liu, Mingzhen Sun, Pengqi Tu, Tianxiang Ma, Fei Dai, Songtao Zhao, Siyu Zhou, Qian He*
- 383 MeshLLM: Empowering Large Language Models to Progressively Understand and Generate 3D Mesh, * *Shuangkang Fang, I-Chao Shen, Yufeng Wang, Yi-Hsuan Tsai, Yi Yang, Shuchang Zhou, Wenrui Ding, Takeo Igarashi, Ming-Hsuan Yang*
- 384 On-Device Diffusion Transformer Policy for Efficient Robot Manipulation, *Yiming Wu, Huan Wang, Zhenghao Chen, Jianxin Pang, Dong Xu*
- 385 Generic Event Boundary Detection via Denoising Diffusion, *Jaeeun Hwang, Dayoung Gong, Manjin Kim, Minsu Cho*
- 386 Learning Pixel-adaptive Multi-layer Perceptrons for Real-time Image Enhancement, *Junyu Lou, Xiaorui Zhao, Kexuan Shi, Shuhang Gu*
- 387 Multi-Modal Few-Shot Temporal Action Segmentation, *Zijia Lu, Ehsan Elhamifar*
- 388 SIMS: Simulating Stylized Human-Scene Interactions with Retrieval-Augmented Script Generation, *Wenjia Wang, Liang Pan, Zhiyang Dou, Jidong Mei, Zhouyingcheng Liao, Yuke Lou, Yifan Wu, Lei Yang, Jingbo Wang, Taku Komura*
- 389 ProbRes: Probabilistic Jump Diffusion for Open-World Egocentric Activity Recognition, *Sanjoy Kundu, Shanmukha Vellamcheti, Sathyanarayanan N. Aakur*
- 390 Unified Adversarial Augmentation for Improving Palmprint Recognition, *Jianlong Jin, Chenglong Zhao, Ruixin Zhang, Sheng Shang, Yang Zhao, Jun Wang, Jingyun Zhang, Shouhong Ding, Wei Jia, Yunsheng Wu*
- 391 Not All Degradations Are Equal: A Targeted Feature Denoising Framework for Generalizable Image Super-Resolution, *Hongjun Wang, Jiye Chen, Zhengwei Yin, Xuan Song, Yinqiang Zheng*

- 392 SHeaP: Self-Supervised Head Geometry Predictor Learned via 2D Gaussians, *Liam Schoneveld, Zhe Chen, Davide Davoli, Jiapeng Tang, Saimon Terazawa, Ko Nishino, Matthias Nießner*
- 393 MultiModal Action Conditioned Video Simulation, *Yichen Li, Antonio Torralba*
- 394 LHM: Large Animatable Human Reconstruction Model for Single Image to 3D in Seconds, *Lingteng Qiu, Xiaodong Gu, Peihao Li, Qi Zuo, Weichao Shen, Junfei Zhang, Kejie Qiu, Weihao Yuan, Guanying Chen, Zilong Dong, Liefeng Bo*
- 395 Learning Deblurring Texture Prior from Unpaired Data with Diffusion Model, *Chengxu Liu, Lu Qi, Jinshan Pan, Xueming Qian, Ming-Hsuan Yang*
- 396 GUAVA: Generalizable Upper Body 3D Gaussian Avatar, *Dongbin Zhang, Yunfei Liu, Lijian Lin, Ye Zhu, Yang Li, Minghan Qin, Yu Li, Haoqian Wang*
- 397 Recognizing Actions from Robotic View for Natural Human-Robot Interaction, *Ziyi Wang, Peiming Li, Hong Liu, Zhichao Deng, Can Wang, Jun Liu, Junsong Yuan, Mengyuan Liu*
- 398 TARO: Timestep-Adaptive Representation Alignment with Onset-Aware Conditioning for Synchronized Video-to-Audio Synthesis, *Tri Ton, Ji Woo Hong, Chang D. Yoo*
- 399 UniFuse: A Unified All-in-One Framework for Multi-Modal Medical Image Fusion Under Diverse Degradations and Misalignments, *Dayong Su, Yafei Zhang, Huafeng Li, Jinxing Li, Yu Liu*
- 400 DexVLG: Dexterous Vision-Language-Grasp Model at Scale, *Jiawei He, Danshi Li, Xinqiang Yu, Zekun Qi, Wenyao Zhang, Jiayi Chen, Zhaoxiang Zhang, Zhizheng Zhang, Li Yi, He Wang*
- 401 Towards Explicit Exoskeleton for the Reconstruction of Complicated 3D Human Avatars, *Yifan Zhan, Qingtian Zhu, Muyao Niu, Mingze Ma, Jiancheng Zhao, Zhihang Zhong, Xiao Sun, Yu Qiao, Yinqiang Zheng*
- 402 AV-Flow: Transforming Text to Audio-Visual Human-like Interactions, *Aggelina Chatziagapi, Louis-Philippe Morency, Hongyu Gong, Michael Zollhöfer, Dimitris Samaras, Alexander Richard*
- 403 Democratizing High-Fidelity Co-Speech Gesture Video Generation, *Xu Yang, Shaoli Huang, Shenbo Xie, Xuelin Chen, Yifei Liu, Changxing Ding*
- 404 Fine-Grained 3D Gaussian Head Avatars Modeling from Static Captures via Joint Reconstruction and Registration, *Yuan Sun, Xuan Wang, Cong Wang, WeiLi Zhang, Yanbo Fan, Yu Guo, Fei Wang*
- 405 Motion-2-to-3: Leveraging 2D Motion Data for 3D Motion Generations, *Ruoxi Guo, Huaijin Pi, Zehong Shen, Qing Shuai, Zechen Hu, Zhumei Wang, Yajiao Dong, Ruizhen Hu, Taku Komura, Sida Peng, Xiaowei Zhou*
- 406 IM-LUT: Interpolation Mixing Look-Up Tables for Image Super-Resolution, *Sejin Park, Sangmin Lee, Kyong Hwan Jin, Seung-Won Jung*
- 407 TemCoCo: Temporally Consistent Multi-modal Video Fusion with Visual-Semantic Collaboration, *Meiqi Gong, Hao Zhang, Xunpeng Yi, Linfeng Tang, Jiayi Ma*
- 408 Beyond the Frame: Generating 360° Panoramic Videos from Perspective Videos, *Rundong Luo, Matthew Wallingford, Ali Fahardi, Noah Snaveley, Wei-Chiu Ma*
- 409 SpinMeRound: Consistent Multi-View Identity Generation Using Diffusion Models, *Stathis Galanakis, Alexandros Lattas, Stylianos Moschoglou, Bernhard Kainz, Stefanos Zafeiriou*
- 410 DIMO: Diverse 3D Motion Generation for Arbitrary Objects, *Linzhan Mou, Jiahui Lei, Chen Wang, Lingjie Liu, Kostas Daniilidis*
- 411 OpenAnimals: Revisiting Person Re-Identification for Animals Towards Better Generalization, *Saihui Hou, Panjian Huang, Zengbin Wang, Yuan Liu, Zeyu Li, Man Zhang, Yongzhen Huang*
- 412 Perception-as-Control: Fine-grained Controllable Image Animation with 3D-aware Motion Representation, *Yingjie Chen, Yifang Men, Yuan Yao, Miaomiao Cui, Liefeng Bo*
- 413 Attention to Trajectory: Trajectory-Aware Open-Vocabulary Tracking, *Yunhao Li, Yifan Jiao, Dan Meng, Heng Fan, Libo Zhang*
- 414 UniPortrait: A Unified Framework for Identity-Preserving Single- and Multi-Human Image Personalization, *Junjie He, Yifeng Geng, Liefeng Bo*
- 415 SAMPLE: Semantic Alignment through Temporal-Adaptive Multimodal Prompt Learning for Event-Based Open-Vocabulary Action Recognition, *Jing Wang, Rui Zhao, Ruiqin Xiong, Xingtao Wang, Xiaopeng Fan, Tiejun Huang*
- 416 Music-Aligned Holistic 3D Dance Generation via Hierarchical Motion Modeling, *Xiaojie Li, Ronghui Li, Shukai Fang, Shuzhao Xie, Xiaoyang Guo, Jiaqing Zhou, Junkun Peng, Zhi Wang*
- 417 Structure Matters: Revisiting Boundary Refinement in Video Object Segmentation, *Guanyi Qin, Ziyue Wang, Daiyun Shen, Haofeng Liu, Hantao Zhou, Junde Wu, Runze Hu, Yueming Jin*
- 418 NoiseController: Towards Consistent Multi-view Video Generation via Noise Decomposition and Collaboration, *Haotian Dong, Xin Wang, Di Lin, Yipeng Wu, Qin Chen, Ruonan Liu, Kairui Yang, Ping Li, Qing Guo*
- 419 FED-PsyAU: Privacy-Preserving Micro-Expression Recognition via Psychological AU Coordination and Dynamic Facial Motion Modeling, *Jingting Li, Yu Qian, Lin Zhao, Su-Jing Wang*
- 420 MagicMirror: ID-Preserved Video Generation in Video Diffusion Transformers, *Yuechen Zhang, Yaoyang Liu, Bin Xia, Bohao Peng, Zexin Yan, Eric Lo, Jiaya Jia*
- 421 MotionDiff: Training-free Zero-shot Interactive Motion Editing via Flow-assisted Multi-view Diffusion, *Yikun Ma, Yiqing Li, Jiawei Wu, Xing Luo, Zhi Jin*
- 422 Dense Policy: Bidirectional Autoregressive Learning of Actions, *Yue Su, Xinyu Zhan, Hongjie Fang, Han Xue, Hao-Shu Fang, Yong-Lu Li, Cewu Lu, Lixin Yang*
- 423 PUMPS: Skeleton-Agnostic Point-based Universal Motion Pre-Training for Synthesis in Human Motion Tasks, *Clinton Ansun Mo, Kun Hu, Chengjiang Long, Dong Yuan, Wan-Chi Siu, Zhiyong Wang*
- 424 Dirichlet-Constrained Variational Codebook Learning for Temporally Coherent Video Face Restoration, *Baoyou Chen, Ce Liu, Weihao Yuan, Zilong Dong, Siyu Zhu*
- 425 Seeing Through Deepfakes: A Human-Inspired Framework for Multi-Face Detection, *Juan Hu, Shaojing Fan, Terence Sim*
- 426 MistSense: Versatile Online Detection of Procedural and Execution Mistakes, *Constantin Patsch, Yuankai Wu, Marsil Zakour, Driton Salihu, Eckehard Steinbach*
- 427 SEREP: Semantic Facial Expression Representation for Robust In-the-Wild Capture and Retargeting, *Arthur Josi, Luiz Gustavo Hafemann, Abdallah Dib, Emeline Got, Rafael M. O. Cruz, Marc-André Carboneau*
- 428 Clink! Chop! Thud! - Learning Object Sounds from Real-World Interactions, *Mengyu Yang, Yiming Chen, Haozheng Pei, Siddhant Agarwal, Arun Balajee Vasudevan, James Hays*
- 429 LUT-Fuse: Towards Extremely Fast Infrared and Visible Image Fusion via Distillation to Learnable Look-Up Tables, *Xunpeng Yi, Yibing Zhang, Xinyu Xiang, Qinglong Yan, Han Xu, Jiayi Ma*
- 430 LiON-LoRA: Rethinking LoRA Fusion to Unify Controllable Spatial and Temporal Generation for Video Diffusion, *Yisu Zhang, Chenjie Cao, Chaohui Yu, Jianke Zhu*
- 431 Morph: A Motion-free Physics Optimization Framework for Human Motion Generation, *Zhuo Li, Mingshuang Luo, Ruibing Hou, Xin Zhao, Hao Liu, Hong Chang, Zimo Liu, Chen Li*
- 432 RoBridge: A Hierarchical Architecture Bridging Cognition and Execution for General Robotic Manipulation, *Kaidong Zhang, Rongtao Xu, Pengzhen Ren, Junfan Lin, Hefeng Wu, Liang Lin, Xiaodan Liang*
- 433 DisCoRD: Discrete Tokens to Continuous Motion via Rectified Flow Decoding, *Junbin Cho, Junwan Kim, Jisoo Kim, Minseo Kim, Mingu Kang, Sungeun Hong, Tae-Hyun Oh, Youngjae Yu*
- 434 MixANT: Observation-dependent Memory Propagation for Stochastic Dense Action Anticipation, *Syed Talal Wasim, Hamid Suleman, Olga Zatsarynna, Muzammal Naseer, Juergen Gall*
- 435 VoiceCraft-Dub: Automated Video Dubbing with Neural Codec Language Models, *Kim Sung-Bin, Jeongsoo Choi, Puyuan Peng, Joon Son Chung, Tae-Hyun Oh, David Harwath*
- 436 DeSPITE: Exploring Contrastive Deep Skeleton-Pointcloud-IMU-Text Embeddings for Advanced Point Cloud Human Activity Understanding, *Thomas Kreutz, Max Mühlhäuser, Alejandro Sanchez Guinea*
- 437 Temporal Rate Reduction Clustering for Human Motion Segmentation, *Xianghan Meng, Zhengyu Tong, Zhiyuan Huang, Chun-Guang Li*
- 438 DISTA-Net: Dynamic Closely-Spaced Infrared Small Target Unmixing, *Shengdong Han, Shangdong Yang, Yuxuan Li, Xin Zhang, Xiang Li, Jian Yang, Ming-Ming Cheng, Yimian Dai*
- 439 Efficient Concertormer for Image Deblurring and Beyond, *Pin-Hung Kuo, Jinshan Pan, Shao-Yi Chien, Ming-Hsuan Yang*

- 440 ASCENT: Annotation-free Self-supervised Contrastive Embeddings for 3D Neuron Tracking in Fluorescence Microscopy, *Haejun Han, Hang Lu*
- 441 InfiniDreamer: Arbitrarily Long Human Motion Generation via Segment Score Distillation, *Wenjie Zhuo, Fan Ma, Hehe Fan*
- 442 FLOAT: Generative Motion Latent Flow Matching for Audio-driven Talking Portrait, *Taekyung Ki, Dongchan Min, Gyeongsu Chae*
- 443 VSRM: A Robust Mamba-Based Framework for Video Super-Resolution, *Dinh Phu Tran, Dao Duy Hung, Daeyoung Kim*
- 444 Face Retouching with Diffusion Data Generation and Spectral Restoration, *Zhidan Xu, Xiaoqin Zhang, Shijian Lu*
- 445 Separation for Better Integration: Disentangling Edge and Motion in Event-based Deblurring, *Yufei Zhu, Hao Chen, Yongjian Deng, Wei You*
- 446 2HandedAfforder: Learning Precise Actionable Bimanual Affordances from Human Videos, *Marvin Heidinger, Snehal Jauhri, Vignesh Prasad, Georgia Chalvatzaki*
- 447 Flow Stochastic Segmentation Networks, *Fabio De Sousa Ribeiro, Omar Todd, Charles Jones, Avinash Kori, Raghav Mehta, Ben Glocker*
- 448 IAP: Invisible Adversarial Patch Attack through Perceptibility-Aware Localization and Perturbation Optimization, *Subrat Kishore Dutta, Xiao Zhang*
- 449 Towards a Unified Copernicus Foundation Model for Earth Vision, *Yi Wang, Zhitong Xiong, Chenying Liu, Adam J. Stewart, Thomas Dujardin, Nikolaos Ioannis Bountos, Angelos Zavras, Franziska Gerken, Ioannis Papoutsis, Laura Leal-Taixé, Xiao Xiang Zhu*
- 450 Teeth Reconstruction and Performance Capture Using a Phone Camera, *Weixi Zheng, Jingwang Ling, Zhibo Wang, Quan Wang, Feng Xu*
- 451 AnimalClue: Recognizing Animals by their Traces, *Risa Shinoda, Nakamasa Inoue, Iro Laina, Christian Rupprecht, Hirokatsu Kataoka*

10:45 - 12:45 Demos 3 (Exhibit Hall I)

- Layered Diffusion Brushes, *Peyman Gholami, Robert Xiao*
- Semantic navigation, *Yue Hu*
- Demo for One-Step Specular Highlight Removal with Adapted Diffusion Models, *Mahir Atmis, Levent Karacan, Mehmet Sarigul*
- Image as an IMU, *Jerred Chen, Ronald Clark*

11:00 - 13:00 Lunch (Exhibit Hall II / Overflow Seating Rooftop and Third Floor)

11:00 - 13:00 Doctoral Consortium (301 A+ B)

13:00 - 14:15 Oral Session 4A: Vision + Graphics (Exhibit Hall III)

Session Chairs: Boxin Shi, Neal Wadhwa

- 🏆 - Award candidate paper ☆ - Outstanding Reviewer
- 1 Dynamic Typography: Bringing Text to Life via Video Diffusion Prior, *Zichen Liu, Yihao Meng, Hao Ouyang, Yue Yu, Bolin Zhao, Daniel Cohen-Or, Huamin Qu*
- 2 Generating Physically Stable and Buildable Brick Structures from Text, *Ava Pun, Kangle Deng, Ruixuan Liu, Deva Ramanan, Changliu Liu, Jun-Yan Zhu*
- 3 WIR3D: Visually-Informed and Geometry-Aware 3D Shape Abstraction, *Richard Liu, Daniel Fu, Noah Tan, Itai Lang, Rana Hanocka*
- 4 SparseFlex: High-Resolution and Arbitrary-Topology 3D Shape Modeling, *Xianglong He, Zi-Xin Zou, Chia-Hao Chen, Yuan-Chen Guo, Ding Liang, Chun Yuan, Wanli Ouyang, Yan-Pei Cao, Yangguang Li*
- 5 ReCamMaster: Camera-Controlled Generative Rendering from A Single Video, *Jianhong Bai, Menghan Xia, Xiao Fu, Xintao Wang, Lianrui Mu, Jinwen Cao, Zuozhu Liu, Haoji Hu, Xiang Bai, Pengfei Wan, Di Zhang*

13:00 - 14:15 Oral Session 4B: 3D Pose Understanding (Kalakaua Ballroom)

Session Chairs: P J Narayanan, Hyung Jin Chang

- 1 Forecasting Continuous Non-Conservative Dynamical Systems in $SO(3)$, *Lennart Bastian, Mohammad Rashed, Nassir Navab, Tolga Birdal*
- 2 Certifiably Optimal Anisotropic Rotation Averaging, *Carl Olsson, Yaroslava Lochman, Johan Malmport, Christopher Zach*

- 3 Deterministic Object Pose Confidence Region Estimation, *Jinghao Wang, Zhang Li, Zi Wang, Banglei Guan, Yang Shang, Qifeng Yu*
- 4 RePosED: Efficient Relative Pose Estimation With Known Depth Information, *Yaqing Ding, Viktor Kocur, Václav Vávra, Zuzana Berger Haladová, Jian Yang, Torsten Sattler, Zuzana Kukelova*
- 5 Diving into the Fusion of Monocular Priors for Generalized Stereo Matching, *Chengtang Yao, Lidong Yu, Zhidan Liu, Jiaxi Zeng, Yuwei Wu, Yunde Jia*

14:00 - 14:30 Poster Setup (Exhibit Hall I)

14:30 - 16:30 Poster Session 4 & Exhibit Hall with Coffee Break (Exhibit Hall I)

- * - Highlight paper 🏆 - Award candidate paper
 ○ - Oral Paper ☆ - Outstanding Reviewer
- 1 TIP-I2V: A Million-Scale Real Text and Image Prompt Dataset for Image-to-Video Generation, *Wenhao Wang, Yi Yang*
- 2 IntroStyle: Training-Free Introspective Style Attribution using Diffusion Features, *Anand Kumar, Jiteng Mu, Nuno Vasconcelos*
- 3 SCFlow: Implicitly Learning Style and Content Disentanglement with Flow Models, *Pingchuan Ma, Xiaopei Yang, Yusong Li, Ming Gui, Felix Krause, Johannes Schusterbauer, Björn Ommer*
- 4 Compression-Aware One-Step Diffusion Model for JPEG Artifact Removal, *Jinpei Guo, Zheng Chen, Wenbo Li, Yong Guo, Yulun Zhang*
- 5 OminiControl: Minimal and Universal Control for Diffusion Transformer, *Zhenxiong Tan, Songhua Liu, Xingyi Yang, Qiaochu Xue, Xinchao Wang*
- 6 Phantom: Subject-Consistent Video Generation via Cross-Modal Alignment, *Lijie Liu, Tianxiang Ma, Bingchuan Li, Zhuowei Chen, Jiawei Liu, Gen Li, Siyu Zhou, Qian He, Xinglong Wu*
- 7 Penalizing Boundary Activation for Object Completeness in Diffusion Models, *Haoyang Xu, Tianhao Zhao, Sibe Yang, Yutian Lin*
- 8 MatchDiffusion: Training-free Generation of Match-Cuts, *Alejandro Pardo, Fabio Pizzati, Tong Zhang, Alexander Pondaven, Philip Torr, Juan Camilo Perez, Bernard Ghanem*
- 9 Dual-Expert Consistency Model for Efficient and High-Quality Video Generation, *Zhengyao Lv, Chenyang Si, Tianlin Pan, Zhaoxi Chen, Kwan-Yee K. Wong, Yu Qiao, Ziwei Liu*
- 10 RealGeneral: Unifying Visual Generation via Temporal In-Context Learning with Video Models, *Yijing Lin, Mengqi Huang, Shuhan Zhuang, Zhendong Mao*
- 11 Straighten Viscous Rectified Flow via Noise Optimization, *Jimin Dai, Jiexi Yan, Jian Yang, Lei Luo*
- 12 Trans-Adapter: A Plug-and-Play Framework for Transparent Image Inpainting, *Yuekun Dai, Haitian Li, Shangchen Zhou, Chen Change Loy*
- 13 Scalable Dual Fingerprinting for Hierarchical Attribution of Text-to-Image Models, *Jianwei Fei, Yunshu Dai, Peipeng Yu, Zhe Kong, Jiantao Zhou, Zhihua Xia*
- 14 QuantCache: Adaptive Importance-Guided Quantization with Hierarchical Latent and Layer Caching for Video Generation, *Junyi Wu, Zhiteng Li, Zheng Hui, Yulun Zhang, Linghe Kong, Xiaokang Yang*
- 15 CRAM: Large Scale Video Continual Learning with Bootstrapped Compression, *Shivani Mall, Joao F. Henriques*
- 16 Learning Robust Image Watermarking with Lossless Cover Recovery, *Jiale Chen, Wei Wang, Chongyang Shi, Li Dong, Xiping Hu*
- 17 Cross-Subject Mind Decoding from Inaccurate Representations, *Yangyang Xu, Bangzhen Liu, Wenqi Shao, Yong Du, Shengfeng He, Tingting Zhu*
- 18 Tree-NeRV: Efficient Non-Uniform Sampling for Neural Video Representation via Tree-Structured Feature Grids, *Jiancheng Zhao, Yifan Zhan, Qingtian Zhu, Mingze Ma, Muyao Niu, Zunian Wan, Xiang Ji, Yinqiang Zheng*
- 19 HPSv3: Towards Wide-Spectrum Human Preference Score, *Yuhang Ma, Xiaoshi Wu, Keqiang Sun, Hongsheng Li*
- 20 SummDiff: Generative Modeling of Video Summarization with Diffusion, *Kwanseok Kim, Jaehoon Hahm, Sumin Kim, Jinhwan Sul, Byungchak Kim, Joonseok Lee*
- 21 Leveraging Panoptic Scene Graph for Evaluating Fine-Grained Text-to-Image Generation, *Xueqing Deng, Linjie Yang, Qihang Yu, Chenglin Yang, Liang-Chieh Chen*

- 22 MaTe: Images Are All You Need for Material Transfer via Diffusion Transformer, *Nisha Huang, Henglin Liu, Yizhou Lin, Kaer Huang, Chubin Chen, Jie Guo, Tong-ye Lee, Xiu Li*
- 23 LEGO-Maker: A Semantic-Driven Algorithm for Text-to-3D Generation, *Yifei Zhang, Lei Chen*
- 24 ForCenNet: Foreground-Centric Network for Document Image Rectification, *Peng Cai, Qiang Li, Kaicheng Yang, Dong Guo, Jia Li, Nan Zhou, Xiang An, Ninghua Yang, Jiankang Deng*
- 25 VEGGIE: Instructional Editing and Reasoning Video Concepts with Grounded Generation, *Shoubin Yu, Difan Liu, Ziqiao Ma, Yicong Hong, Yang Zhou, Hao Tan, Joyce Chai, Mohit Bansal*
- 26 Textured 3D Regenerative Morphing with 3D Diffusion Prior, *Songlin Yang, Yushi Lan, Honghua Chen, Xingang Pan*
- 27 Scale Your Instructions: Enhance the Instruction-Following Fidelity of Unified Image Generation Model by Self-Adaptive Attention Scaling, *Chao Zhou, Tianyi Wei, Nenghai Yu*
- 28 Efficient Input-level Backdoor Defense on Text-to-Image
- * Synthesis via Neuron Activation Variation, *Shengfang Zhai, Jiajun Li, Yue Liu, Huanran Chen, Zhihua Tian, Wenjie Qu, Qingni Shen, Ruoxi Jia, Yinpeng Dong, Jiaheng Zhang*
- 29 CycleVAR: Repurposing Autoregressive Model for Unsupervised One-Step Image Translation, *Yi Liu, Shengqian Li, Zuzeng Lin, Feng Wang, Si Liu*
- 30 MagicColor: Multi-Instance Sketch Colorization, *Yinhan Zhang, Yue Ma, Bingyuan Wang, Qifeng Chen, Zeyu Wang*
- 31 EmotiCrafter: Text-to-Emotional-Image Generation based on Valence-Arousal Model, *Shengqi Dang, Yi He, Long Ling, Ziqing Qian, Nanxuan Zhao, Nan Cao*
- 32 SDMatte: Grafting Diffusion Models for Interactive Matting, *Longfei Huang, Yu Liang, Hao Zhang, Jinwei Chen, Wei Dong, Lunde Chen, Wanyu Liu, Bo Li, Peng-Tao Jiang*
- 33 Adaptive Caching for Faster Video Generation with Diffusion Transformers, *Kumara Kahatapitiya, Haozhe Liu, Sen He, Ding Liu, Menglin Jia, Chenyang Zhang, Michael S. Ryoo, Tian Xie*
- 34 CoMPaSS: Enhancing Spatial Understanding in Text-to-Image Diffusion Models, *Gaoyang Zhang, Bingtao Fu, Qingnan Fan, Qi Zhang, Runxing Liu, Hong Gu, Huaqi Zhang, Xinguo Liu*
- 35 Pinco: Position-induced Consistent Adapter for Diffusion Transformer in Foreground-conditioned Inpainting, *Guangben Lu, Yuzhen Du, Yizhe Tang, Zhimin Sun, Ran Yi, Yifan Qi, Tianyi Wang, Lizhuang Ma, Fangyuan Zou*
- 36 Edicho: Consistent Image Editing in the Wild, *Qingyan Bai, Hao Ouyang, Yinghao Xu, Qiuyu Wang, Ceyuan Yang, Ka Leong Cheng, Yujun Shen, Qifeng Chen*
- 37 Photolithography Overlay Map Generation with Implicit Knowledge Distillation Diffusion Transformer, *Yuan-Fu Yang, Hsiu-Hui Hsiao*
- 38 LUSD: Localized Update Score Distillation for Text-Guided Image Editing, *Worameth Chinchuthakun, Tossaporn Saengja, Nontawat Tritrong, Pitchaporn Rewatbowornwong, Pramook Khungurn, Supasorn Suwajanakorn*
- 39 FlowChef: Steering of Rectified Flow Models for Controlled Generations, *Maitreya Patel, Song Wen, Dimitris N. Metaxas, Yezhou Yang*
- 40 DiffVSR: Revealing an Effective Recipe for Taming Robust Video Super-Resolution Against Complex Degradations, *Xiaohui Li, Yihao Liu, Shuo Cao, Ziyang Chen, Shaobin Zhuang, Xiangyu Chen, Yinan He, Yi Wang, Yu Qiao*
- 41 From Reflection to Perfection: Scaling Inference-Time Optimization for Text-to-Image Diffusion Models via Reflection Tuning, *Le Zhuo, Liangbing Zhao, Sayak Paul, Yue Liao, Renrui Zhang, Yi Xin, Peng Gao, Mohamed Elhoseiny, Hongsheng Li*
- 42 PanoLlama: Generating Endless and Coherent Panoramas with Next-Token-Prediction LLMs, *Teng Zhou, Xiaoyu Zhang, Yongchuan Tang*
- 43 Visual Interestingness Decoded: How GPT-4o Mirrors Human Interests, *Fitim Abdullahu, Helmut Grabner*
- 44 Translation of Text Embedding via Delta Vector to Suppress Strongly Entangled Content in Text-to-Image Diffusion Models, *Eunseo Koh, Seunghoo Hong, Tae-Young Kim, Simon S. Woo, Jae-Pil Heo*
- 45 Grouped Speculative Decoding for Autoregressive Image Generation, *Junhyuk So, Juncheol Shin, Hyunho Kook, Eunhyeok Park*
- 46 Generating, Fast and Slow: Scalable Parallel Video Generation with Video Interface Networks, *Bhishma Dedhia, David Bourgin, Krishna Kumar Singh, Yuheng Li, Yan Kang, Zhan Xu, Niraj K. Jha, Yuchen Liu*
- 47 DuoLoRA : Cycle-consistent and Rank-disentangled Content-Style Personalization, *Aniket Roy, Shubhankar Borse, Shreya Kadambi, Debasmit Das, Shweta Mahajan, Risheek Garrepalli, Hyojin Park, Ankita Nayak, Rama Chellappa, Munawar Hayat, Fatih Porikli*
- 48 Progressive Artwork Outpainting via Latent Diffusion Models, *Dae-Young Song, Jung-Jae Yu, Donghyeon Cho*
- 49 SynTag: Enhancing the Geometric Robustness of Inversion-based Generative Image Watermarking, *Han Fang, Kejiang Chen, Zehua Ma, Jiajun Deng, Yicong Li, Weiming Zhang, Ee-Chien Chang*
- 50 Text Embedding Knows How to Quantize Text-Guided Diffusion Models, *Hongjae Lee, Myungjun Son, Dongjea Kang, Seung-Won Jung*
- 51 Scene Graph Guided Generation: Enable Accurate Relations Generation in Text-to-Image Models via Textual Rectification, *Guibao Shen, Luozhou Wang, Jiantao Lin, Wenhang Ge, Chaozhe Zhang, Xin Tao, Di Zhang, Pengfei Wan, Guangyong Chen, Yijun Li, Ying-cong Chen*
- 52 PUMA: Empowering Unified MLLM with Multi-granular Visual Generation, *Rongyao Fang, Chengqi Duan, Kun Wang, Hao Li, Linjiang Huang, Hao Tian, Xingyu Zeng, Rui Zhao, Jifeng Dai, Hongsheng Li, Xihui Liu*
- 53 NeuralSVG: An Implicit Representation for Text-to-Vector Generation, *Sagi Polaczek, Yuval Alaluf, Elad Richardson, Yael Vinker, Daniel Cohen-Or*
- 54 IQA-Adapter: Exploring Knowledge Transfer from Image Quality Assessment to Diffusion-based Generative Models, *Khaled Abud, Sergey Lavrushkin, Alexey Kirillov, Dmitriy Votolin*
- 55 DICE: Staleness-Centric Optimizations for Parallel Diffusion MoE Inference, *Jiajun Luo, Lizhuo Luo, Jianru Xu, Jiajun Song, Rongwei Lu, Chen Tang, Zhi Wang*
- 56 Dual Recursive Feedback on Generation and Appearance Latents for Pose-Robust Text-to-Image Diffusion, *Jiwon Kim, Pureum Kim, SeonHwa Kim, Soobin Park, Eunju Cha, Kyong Hwan Jin*
- 57 Anti-Tamper Protection for Unauthorized Individual Image Generation, *Zelin Li, Ruohan Zong, Yifan Liu, Ruichen Yao, Yaokun Liu, Yang Zhang, Dong Wang*
- 58 Continual Personalization for Diffusion Models, *Yu-Chien Liao, Jr-Jen Chen, Chi-Pin Huang, Ci-Siang Lin, Meng-Lin Wu, Yu-Chiang Frank Wang*
- 59 FreeCus: Free Lunch Subject-driven Customization in Diffusion Transformers, *Yanbing Zhang, Zhe Wang, Qin Zhou, Mengping Yang*
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- 357 Gain-MLP: Improving HDR Gain Map Encoding via a Lightweight MLP, *Trevor D. Canham, SaiKiran Tedla, Michael J. Murdoch, Michael S. Brown*
- 358 TrustMark: Robust Watermarking and Watermark Removal for ☆ *Arbitrary Resolution Images, Tu Bui, Shruti Agarwal, John Collomosse*
- 359 Perceive, Understand and Restore: Real-World Image Super-Resolution with Autoregressive Multimodal Generative Models, *Hongyang Wei, Shuaizheng Liu, Chun Yuan, Lei Zhang*
- 360 From Prompt to Progression: Taming Video Diffusion Models for Seamless Attribute Transition, *Ling Lo, Kelvin C.K. Chan,*

- Wen-Huang Cheng, Ming-Hsuan Yang
- 361 Dense2MoE: Restructuring Diffusion Transformer to MoE for Efficient Text-to-Image Generation, Youwei Zheng, Yuxi Ren, Xin Xia, Xuefeng Xiao, Xiaohua Xie
- 362 Video-T1: Test-time Scaling for Video Generation, Fangfu Liu, Hanyang Wang, Yimo Cai, Kaiyan Zhang, Xiaohang Zhan, Yueqi Duan
- 363 Less-to-More Generalization: Unlocking More Controllability by In-Context Generation, Shaojin Wu, Mengqi Huang, Wenxu Wu, Yufeng Cheng, Fei Ding, Qian He
- 364 StyleSRN: Scene Text Image Super-Resolution with Text Style Embedding, Shengrong Yuan, Runmin Wang, Ke Hao, Xuqi Ma, Changxin Gao, Li Liu, Nong Sang
- 365 Sparse Fine-Tuning of Transformers for Generative Tasks, ☆ Wei Chen, Jingxi Yu, Zichen Miao, Qiang Qiu
- 366 FlexGen: Flexible Multi-View Generation from Text and Image Inputs, Xinli Xu, Wenhang Ge, Jiantao Lin, Jiawei Feng, Lie Xu, Hanfeng Zhao, Shunsi Zhang, Ying-Cong Chen
- 367 Prompt-A-Video: Prompt Your Video Diffusion Model via Preference-Aligned LLM, Yatai Ji, Jiacheng Zhang, Jie Wu, Shilong Zhang, Shoufa Chen, Chongjian Ge, Peize Sun, Weifeng Chen, Wenqi Shao, Xuefeng Xiao, Weilin Huang, Ping Luo
- 368 Learning Implicit Features with Flow-Infused Transformations for Realistic Virtual Try-On, Delong Zhang, Qiwei Huang, Yang Sun, Yuanliu Liu, Wei-Shi Zheng, Pengfei Xiong, Wei Zhang
- 369 ALGI-Holmes: Towards Explainable and Generalizable AI-Generated Image Detection via Multimodal Large Language Models, Ziyin Zhou, Yunpeng Luo, Yuanchen Wu, Ke Sun, Jiayi Ji, Ke Yan, Shouhong Ding, Xiaoshuai Sun, Yunsheng Wu, Rongrong Ji
- 370 Semantic Watermarking Reinvented: Enhancing Robustness and Generation Quality with Fourier Integrity, Sung Ju Lee, Nam Ik Cho
- 371 GigaTok: Scaling Visual Tokenizers to 3 Billion Parameters for Autoregressive Image Generation, Tianwei Xiong, Jun Hao Liew, Zilong Huang, Jiashi Feng, Xihui Liu
- 372 Collaborative Instance Object Navigation: Leveraging Uncertainty-Awareness to Minimize Human-Agent Dialogues, Francesco Taioli, Edoardo Zorzi, Gianni Franchi, Alberto Castellini, Alessandro Farinelli, Marco Cristani, Yiming Wang
- 373 ReasonVQA: A Multi-hop Reasoning Benchmark with Structural Knowledge for Visual Question Answering, Duong T. Tran, Trung-Kien Tran, Manfred Hauswirth, Danh Le Phuoc
- 374 LOCATEdit: Graph Laplacian Optimized Cross Attention for Localized Text-Guided Image Editing, Achint Soni, Meet Soni, Sirisha Rambhatla
- 375 Enhancing Mamba Decoder with Bidirectional Interaction in Multi-Task Dense Prediction, Mang Cao, Sanping Zhou, Yizhe Li, Ye Deng, Wenli Huang, Le Wang
- 376 Region-Level Data Attribution for Text-to-Image Generative Models, Trong Bang Nguyen, Phi Le Nguyen, Simon Lucey, Minh Hoai
- 377 Learned Image Compression with Hierarchical Progressive Context Modeling, Yuqi Li, Haotian Zhang, Li Li, Dong Liu
- 378 Early Timestep Zero-Shot Candidate Selection for Instruction-Guided Image Editing, Joowon Kim, Ziseok Lee, Donghyeon Cho, Sanghyun Jo, Yeonsung Jung, Kyungsu Kim, Eunho Yang
- 379 GTR: Guided Thought Reinforcement Prevents Thought Collapse in RL-based VLM Agent Training, Tong Wei, Yijun Yang, Junliang Xing, Yuanchun Shi, Zongqing Lu, Deheng Ye
- 380 Teleportraits: Training-Free People Insertion into Any Scene, Jialu Gao, K J Joseph, Fernando De La Torre
- 381 DCT-Shield: A Robust Frequency Domain Defense against ☆ Malicious Image Editing, Aniruddha Bala, Rohit Chowdhury, Rohan Jaiswal, Siddharth Roheda
- 382 Context Guided Transformer Entropy Modeling for Video Compression, Junlong Tong, Wei Zhang, Yaohui Jin, Xiaoyu Shen
- 383 Deterministic Object Pose Confidence Region Estimation, ○ Jinghao Wang, Zhang Li, Zi Wang, Banglei Guan, Yang Shang, Qifeng Yu
- 384 WIR3D: Visually-Informed and Geometry-Aware 3D Shape ○ Abstraction, Richard Liu, Daniel Fu, Noah Tan, Itai Lang, Rana Hanocka
- 385 UIP2P: Unsupervised Instruction-based Image Editing via Edit ☆ Reversibility Constraint, Enis Simsar, Alessio Tonioni, Yongqin Xian, Thomas Hofmann, Federico Tombari
- 386 CODA: Repurposing Continuous VAEs for Discrete Tokenization, Zeyu Liu, Zanlin Ni, Yeguo Hua, Xin Deng, Xiao Ma, Cheng Zhong, Gao Huang
- 387 DiffDoctor: Diagnosing Image Diffusion Models Before Treating, Yiyang Wang, Xi Chen, Xiaogang Xu, Sihui Ji, Yu Liu, Yujun Shen, Hengshuang Zhao
- 388 TRCE: Towards Reliable Malicious Concept Erasure in Text-to-Image Diffusion Models, Ruidong Chen, Honglin Guo, Lanjun Wang, Chenyu Zhang, Weizhi Nie, An-An Liu
- 389 LEGION: Learning to Ground and Explain for Synthetic Image * Detection, Hengrui Kang, Siwei Wen, Zichen Wen, Junyan Ye, Weijia Li, Peilin Feng, Baichuan Zhou, Bin Wang, Dahua Lin, Linfeng Zhang, Conghui He
- 390 DiT4SR: Taming Diffusion Transformer for Real-World Image Super-Resolution, Zheng-Peng Duan, Jiawei Zhang, Xin Jin, Ziheng Zhang, Zheng Xiong, Dongqing Zou, Jimmy S. Ren, Chunle Guo, Chongyi Li
- 391 Bi-Level Optimization for Self-Supervised AI-Generated Face * Detection, Mian Zou, Nan Zhong, Baosheng Yu, Yibing Zhan, Kede Ma
- 392 VisualCloze: A Universal Image Generation Framework via Visual In-Context Learning, Zhong-Yu Li, Ruoyi Du, Juncheng Yan, Le Zhuo, Zhen Li, Peng Gao, Zhanyu Ma, Ming-Ming Cheng
- 393 From Imitation to Innovation: The Emergence of AI's Unique Artistic Styles and the Challenge of Copyright Protection, Zexi Jia, Chuanwei Huang, Yeshuang Zhu, Hongyan Fei, Ying Deng, Zhiqiang Yuan, Jiawei Zhang, Jinchao Zhang, Jie Zhou
- 394 AnyPortal: Zero-Shot Consistent Video Background Replacement, Wenshuo Gao, Xicheng Lan, Shuai Yang
- 395 Neighboring Autoregressive Modeling for Efficient Visual Generation, Yefei He, Yuanyu He, Shaoyuan He, Feng Chen, Hong Zhou, Kaipeng Zhang, Bohan Zhuang
- 396 FastVAR: Linear Visual Autoregressive Modeling via Cached Token Pruning, Hang Guo, Yawei Li, Taolin Zhang, Jiangshan Wang, Tao Dai, Shu-Tao Xia, Luca Benini
- 397 Enhancing Reward Models for High-quality Image Generation: Beyond Text-Image Alignment, Ying Ba, Tianyu Zhang, Yalong Bai, Wenyi Mo, Tao Liang, Bing Su, Ji-Rong Wen
- 398 Tune-Your-Style: Intensity-tunable 3D Style Transfer with Gaussian Splatting, Yian Zhao, Rushi Ye, Ruochong Zheng, Zesen Cheng, Chaoran Feng, Jiashu Yang, Pengchong Qiao, Chang Liu, Jie Chen
- 399 QK-Edit: Revisiting Attention-based Injection in MM-DiT for Image and Video Editing, Tiancheng Shen, Zilong Huang, Xiangtai Li, Zhijie Lin, Jiyang Liu, Yitong Wang, Jiashi Feng, Ming-Hsuan Yang, Jun Hao Liew
- 400 Beyond Isolated Words: Diffusion Brush for Handwritten Text-Line Generation, Gang Dai, Yifan Zhang, Yutao Qin, Qiangya Guo, Shuangping Huang, Shuicheng Yan
- 401 DC-ControlNet: Decoupling Inter- and Intra-Element Conditions in Image Generation with Diffusion Models, Hongji Yang, Wencheng Han, Yucheng Zhou, Jianbing Shen
- 402 BadVideo: Stealthy Backdoor Attack against Text-to-Video Generation, Ruotong Wang, Mingli Zhu, Jiarong Ou, Rui Chen, Xin Tao, Pengfei Wan, Baoyuan Wu
- 403 Any2AnyTryon: Leveraging Adaptive Position Embeddings for Versatile Virtual Clothing Tasks, Hailong Guo, Bohan Zeng, Yiren Song, Wentao Zhang, Jiaming Liu, Chuang Zhang
- 404 FICGen: Frequency-Inspired Contextual Disentanglement for Layout-driven Degraded Image Generation, Wenzhuang Wang, Yifan Zhao, Mingcan Ma, Ming Liu, Zhonglin Jiang, Yong Chen, Jia Li
- 405 An Empirical Study of Autoregressive Pre-training from Videos, Jathushan Rajasegaran, Ilija Radosavovic, Rahul Ravishanker, Yossi Gandelsman, Christoph Feichtenhofer, Jitendra Malik
- 406 Blended Point Cloud Diffusion for Localized Text-guided Shape * Editing, Etai Sella, Noam Atia, Ron Mokady, Hadar Averbuch-Elor
- 407 Training-free Geometric Image Editing on Diffusion Models, Hanshen Zhu, Zhen Zhu, Kaile Zhang, Yiming Gong, Yuliang Liu, Xiang Bai
- 408 Video Color Grading via Look-Up Table Generation, Seunghyun Shin, Dongmin Shin, Jisu Shin, Hae-Gon Jeon, Joon-Young Lee
- 409 VSC: Visual Search Compositional Text-to-Image Diffusion Model, Do Huu Dat, Nam Hyeon-Woo, Po-Yuan Mao, Tae-Hyun Oh

- 410 VideoAuteur: Towards Long Narrative Video Generation, *Junfei Xiao, Feng Cheng, Lu Qi, Liangke Gui, Yang Zhao, Shanchuan Lin, Jiepeng Cen, Zhibei Ma, Alan Yuille, Lu Jiang*
- 411 Fine-Tuning Visual Autogressive Models for Subject-Driven Generation, *Jiwoo Chung, Sangeek Hyun, Hyunjun Kim, Eunseo Koh, MinKyu Lee, Jae-Pil Heo*
- 412 Describe, Don't Dictate: Semantic Image Editing with Natural Language Intent, *En Ci, Shanyan Guan, Yanhao Ge, Yilin Zhang, Wei Li, Zhenyu Zhang, Jian Yang, Ying Tai*
- 413 Frequency-Guided Diffusion for Training-Free Text-Driven Image Translation, *Zheng Gao, Jifei Song, Zhensong Zhang, Jiankang Deng, Ioannis Patras*
- 414 SuperEdit: Rectifying and Facilitating Supervision for Instruction-Based Image Editing, *Ming Li, Xin Gu, Fan Chen, Xiaoying Xing, Longyin Wen, Chen Chen, Sijie Zhu*
- 415 Pretrained Reversible Generation as Unsupervised Visual Representation Learning, *Rongkun Xue, Jinouwen Zhang, Yazhe Niu, Dazhong Shen, Bingqi Ma, Yu Liu, Jing Yang*
- 416 DLF: Extreme Image Compression with Dual-generative Latent Fusion, *Naifu Xue, Zhaoyang Jia, Jiahao Li, Bin Li, Yuan Zhang, Yan Lu*
- 417 REDUCIO! Generating 1K Video within 16 Seconds using Extremely Compressed Motion Latents, *Rui Tian, Qi Dai, Jianmin Bao, Kai Qiu, Yifan Yang, Chong Luo, Zuxuan Wu, Yu-Gang Jiang*
- 418 Tracing Copied Pixels and Regularizing Patch Affinity in Copy Detection, *Yichen Lu, Siwei Nie, Minlong Lu, Xudong Yang, Xiaobo Zhang, Peng Zhang*
- 419 Beyond Brain Decoding: Visual-Semantic Reconstructions to Mental Creation Extension Based on fMRI, *Haodong Jing, Dongyao Jiang, Yongqiang Ma, Haibo Hua, Bo Huang, Nanning Zheng*
- 420 PixTalk: Controlling Photorealistic Image Processing and Editing with Language, *Marcos V. Conde, Zihao Lu, Radu Timofte*
- 421 ADCD-Net: Robust Document Image Forgery Localization via Adaptive DCT Feature and Hierarchical Content Disentanglement, *Kahim Wong, Jicheng Zhou, Haiwei Wu, Yain-Whar Si, Jiantao Zhou*
- 422 Towards Robust Defense against Customization via Protective Perturbation Resistant to Diffusion-based Purification, *Wenkui Yang, Jie Cao, Junxian Duan, Ran He*
- 423 A Unified Framework for Industrial Cel-Animation Colorization with Temporal-Structural Awareness, *Xiaoyi Feng, Tao Huang, Peng Wang, Zizhou Huang, Zhang Haihang, Yuntao Zou, Dagang Li, Kaifeng Zou*
- 424 VQ-SGen: A Vector Quantized Stroke Representation for Creative Sketch Generation, *Jiawei Wang, Zhiming Cui, Changjian Li*
- 425 SEGA: A Stepwise Evolution Paradigm for Content-Aware Layout Generation with Design Prior, *Haoran Wang, Bo Zhao, Jinghui Wang, Hanzhang Wang, Huan Yang, Wei Ji, Hao Liu, Xinyan Xiao*
- 426 RAGD: Regional-Aware Diffusion Model for Text-to-Image Generation, *Zhennan Chen, Yajie Li, Haofan Wang, Zhibo Chen, Zhengkai Jiang, Jun Li, Qian Wang, Jian Yang, Ying Tai*
- 427 Engage for All: Making Ordinary Image Descriptions Appealing Again!, *Yuyan Chen, Yifan Jiang, Li Zhou, Jinghan Cao, Yu Guan, Ming Yang, Qingpei Guo*
- 428 Omegance: A Single Parameter for Various Granularities in Diffusion-Based Synthesis, *Xinyu Hou, Zongsheng Yue, Xiaoming Li, Chen Change Loy*
- 429 Generative Video Bi-flow, *Chen Liu, Tobias Ritschel*
- 430 AV-Link: Temporally-Aligned Diffusion Features for Cross-Modal Audio-Video Generation, *Moayed Haji-Ali, Willi Menapace, Aliaksandr Siarohin, Ivan Skorokhodov, Alper Canberk, Kwot Sin Lee, Vicente Ordóñez, Sergey Tulyakov*
- 431 CHORDS: Diffusion Sampling Accelerator with Multi-core Hierarchical ODE Solvers, *Jiaqi Han, Haotian Ye, Puheng Li, Minkai Xu, James Zou, Stefano Ermon*
- 432 T2I-Copilot: A Training-Free Multi-Agent Text-to-Image System for Enhanced Prompt Interpretation and Interactive Generation, *Chieh-Yun Chen, Min Shi, Gong Zhang, Humphrey Shi*
- 433 PersonalVideo: High ID-Fidelity Video Customization without Dynamic and Semantic Degradation, *Hengjia Li, Haonan Qiu, Shiwei Zhang, Xiang Wang, Yujie Wei, Zekun Li, Yingya Zhang, Boxi Wu, Deng Cai*
- 434 CopyrightShield: Enhancing Diffusion Model Security Against Copyright Infringement Attacks, *Zhixiang Guo, Siyuan Liang, Aishan Liu, Dacheng Tao*
- 435 Unified Video Generation via Next-Set Prediction in Continuous Domain, *Zhanzhou Feng, Qingpei Guo, Xinyu Xiao, Ruihan Xu, Ming Yang, Shiliang Zhang*
- 436 When and Where do Data Poisons Attack Textual Inversion?, *Jeremy Styborski, Mingzhi Lyu, Jiayou Lu, Nupur Kapur, Adams Wai-Kin Kong*
- 437 Mobile Video Diffusion, *Haitam Ben Yahia, Denis Korzhenkov, Ioannis Lelekas, Amir Ghodrati, Amirhossein Habibi*
- 438 LayerLock: Non-collapsing Representation Learning with Progressive Freezing, *Goker Erdogan, Nikhil Parthasarathy, Catalin Ionescu, Drew A. Hudson, Alexander Lerchner, Andrew Zisserman, Mehdi S. M. Sajjadi, Joao Carreira*
- 439 Flow to the Mode: Mode-Seeking Diffusion Autoencoders for State-of-the-Art Image Tokenization, *Kyle Sargent, Kyle Hsu, Justin Johnson, Li Fei-Fei, Jiajun Wu*
- 440 Adaptive Routing of Text-to-Image Generation Requests Between Large Cloud Model and Light-Weight Edge Model, *Zewei Xin, Qinya Li, Chaoyue Niu, Fan Wu, Guihai Chen*
- 441 Exploring Multimodal Diffusion Transformers for Enhanced Prompt-based Image Editing, *Joonghyuk Shin, Alchan Hwang, Yujin Kim, Daneul Kim, Jaesik Park*
- 442 JPEG Processing Neural Operator for Backward-Compatible Coding, *Woo Kyoung Han, Yongjun Lee, Byeonghun Lee, Sang Hyun Park, Sunghoon Im, Kyong Hwan Jin*
- 443 EasyControl: Adding Efficient and Flexible Control for Diffusion Transformer, *Yuxuan Zhang, Yirui Yuan, Yiren Song, Haofan Wang, Jiaming Liu*
- 444 All Parts Matter: A Unified Mask-Free Virtual Try-On Framework, *Chenghu Du, Shengwu Xiong, Yi Rong*
- 445 Function-centric Bayesian Network for Zero-Shot Object Goal Navigation, *Sixian Zhang, Xinyao Yu, Xinhang Song, Yiyao Wang, Shuqiang Jiang*
- 446 Attention to Neural Plagiarism: Diffusion Models Can Plagiarize Your Copyrighted Images!, *Zihang Zou, Boqing Gong, Liqiang Wang*
- 447 Distilling Parallel Gradients for Fast ODE Solvers of Diffusion Models, *Beier Zhu, Ruoyu Wang, Tong Zhao, Hanwang Zhang, Chi Zhang*
- 448 Advancing Text-to-3D Generation with Linearized Lookahead Variational Score Distillation, *Yu Lei, Bingde Liu, Qingsong Xie, Haonan Lu, Zhijie Deng*
- 449 ImageGem: In-the-wild Generative Image Interaction Dataset for Generative Model Personalization, *Yuanhe Guo, Linxi Xie, Zhuoran Chen, Kangrui Yu, Ryan Po, Guandao Yang, Gordon Wetzstein, Hongyi Wen*
- 450 SuMa: A Subspace Mapping Approach for Robust and Effective Concept Erasure in Text-to-Image Diffusion Models, *Kien Nguyen, Anh Tran, Cuong Pham*
- 451 LATINO-PRO: LATent consisTency INverse sOlver with PRompt Optimization, *Alessio Spagnoletti, Jean Prost, Andrés Almansa, Nicolas Papadakis, Marcelo Pereyra*
- 452 EDiT: Efficient Diffusion Transformers with Linear Compressed Attention, *Philipp Becker, Abhinav Mehrotra, Ruchika Chavhan, Malcolm Chadwick, Luca Morreale, Mehdi Noroozi, Alberto Gil C. P. Ramos, Sourav Bhattacharya*
- 453 Hate in Plain Sight: On the Risks of Moderating AI-Generated Hateful Illusions, *Yiting Qu, Ziqing Yang, Yihan Ma, Michael Backes, Savvas Zannettou, Yang Zhang*
- 454 DC-AE 1.5: Accelerating Diffusion Model Convergence with Structured Latent Space, *Junyu Chen, Dongyun Zou, Wenkun He, Junsong Chen, Enze Xie, Song Han, Han Cai*
- 455 Multimodal LLMs as Customized Reward Models for Text-to-Image Generation, *Shijie Zhou, Ruiyi Zhang, Huaisheng Zhu, Branislav Kveton, Yufan Zhou, Jiuxiang Gu, Jian Chen, Changyou Chen*
- 456 MH-LVC: Multi-Hypothesis Temporal Prediction for Learned Conditional Residual Video Coding, *Huu-Tai Phung, Zong-Lin Gao, Yi-Chen Yao, Kuan-Wei Ho, Yi-Hsin Chen, Yu-Hsiang Lin, Alessandro Gnutti, Wen-Hsiao Peng*

- 457 Sculpting Memory: Multi-Concept Forgetting in Diffusion Models via
Dynamic Mask and Concept-Aware Optimization, *Gen Li, Yang Xiao,
Jie Ji, Kaiyuan Deng, Bo Hui, Linke Guo, Xiaolong Ma*
458 Depth AnyEvent: A Cross-Modal Distillation Paradigm for Event-
☆ Based Monocular Depth Estimation, *Luca Bartolomei,
Enrico Mannocci, Fabio Tosi, Matteo Poggi, Stefano Mattoccia*

16:45 - 17:45 PAMI TC Meeting (Exhibit Hall III)

18:30 - 20:00 Reception (Hilton Lawn)

4:30 - 16:30 Demos 4 (Exhibit Hall I)

- Underwater NeRFs with an AUV, *Selena Sun, Elsa McElhinney, Vassilis Alexopoulos, Felicie Hoffman, Lawton Scaling, Kai Song, Rohan Bhowmik, Angelina Krinos, Ryota Sato, Chisa Ogaki, Julian Shultz, Professor Oussama Khatib*
- Scalable Object Detection in Mixed Reality using Incremental Retraining and One-shot 3D Annotation, *Alireza Taheritajar*
- SOAP: Style-Omniscient Animatable Portraits, *Tingting Liao*
- Vision-guided Shared Autonomy for Smarter Prosthetics
Federico Vasile

Notes:

Thursday, October 23

7:30 - 14:00 **Registration / Badge Pickup** (HCC Main Lobby)7:00 - 17:00 **Nursing Pod** 7:00 - 17:00 **Prayer / Quiet Room / Mother's Room** (326 A)7:30 - 9:00 **Breakfast** (Exhibit Hall II)8:00 - 9:15 **Oral Session 5A: Content Generation**
(Exhibit Hall III)8:00 - 9:15 **Oral Session 5B: Applications and Evaluation**
(Kalakaua Ballroom)9:15 - 10:15 **Coffee Break** (Exhibit Hall II)9:00 - 9:30 **Poster Setup** (Exhibit Hall I)9:30 - 10:30 **Keynote** (Exhibit Hall III)10:45 - 12:45 **Poster Session 5 & Exhibit Hall** (Exhibit Hall I)10:45 - 12:45 **Demos 5** (Exhibit Hall I)11:00 - 13:00 **Lunch** (Exhibit Hall II / Overflow Seating Rooftop and Third Floor)13:00 - 14:15 **Oral Session 6A: Physical Scene Perception**
(Exhibit Hall III)13:00 - 14:15 **Oral Session 6B: Segmentation and Grouping**
(Kalakaua Ballroom)14:00 - 14:30 **Poster Setup** (Exhibit Hall I)14:30 - 16:30 **Poster Session 6 & Exhibit Hall with Coffee Break**
(Exhibit Hall I)14:30 - 16:30 **Demos 6** (Exhibit Hall I)8:00 - 9:15 **Oral Session 5A: Content Generation**
(Exhibit Hall III)

Session Chairs: Lorenzo Baraldi, Yijun Li

 - Award candidate paper ☆ - Outstanding Reviewer

- 1  LaRender: Training-Free Occlusion Control in Image Generation via Latent Rendering, *Xiaohang Zhan, Dingming Liu*
- 2 MikuDance: Animating Character Art with Mixed Motion Dynamics, *Jiaxu Zhang, Xianfang Zeng, Xin Chen, Wei Zuo, Gang Yu, Zhigang Tu*
- 3 Diffusion Transformer meets Multi-level Wavelet Spectrum for Single Image Super-Resolution, *Peng Du, Hui Li, Han Xu, Paul Barom Jeon, Dongwook Lee, Daehyun Ji, Ran Yang, Feng Zhu*
- 4 LOTS of Fashion! Multi-Conditioning for Image Generation via Sketch-Text Pairing, *Federico Girella, Davide Talon, Ziyue Liu, Zanxi Ruan, Yiming Wang, Marco Cristani*
- 5  FlowEdit: Inversion-Free Text-Based Editing Using Pre-Trained Flow Models, *Vladimir Kulikov, Matan Kleiner, Inbar Huberman-Spiegelglas, Tomer Michaeli*
- 6 LayerTracer: Cognitive-Aligned Layered SVG Synthesis via Diffusion Transformer, *Yiren Song, Danze Chen, Mike Zheng Shou*

8:00 - 9:15 **Oral Session 5B: Applications and Evaluation**
(Kalakaua Ballroom)

Session Chairs: Xiatian Zhu, Maria Vakalopoulou

- 1 ROAR: Reducing Inversion Error in Generative Image Watermarking, *Hanyi Wang, Han Fang, Shi-Lin Wang, Ee-Chien Chang*
- 2 Moto: Latent Motion Token as the Bridging Language for Learning Robot Manipulation from Videos, *Yi Chen, Yuying Ge, Weiliang Tang, Yizhuo Li, Yixiao Ge, Mingyu Ding, Ying Shan, Xihui Liu*
- 3 Automated Model Evaluation for Object Detection via Prediction Consistency and Reliability, *Seungju Yoo, Hyuk Kwon, Joong-Won Hwang, Kibok Lee*
- 4 Counting Stacked Objects, *Corentin Dumery, Noa Etté, Aoxiang Fan, Ren Li, Jingyi Xu, Hieu Le, Pascal Fua*
- 5 MIORe & VAR-MIORe: Benchmarks to Push the Boundaries of Restoration, *George Ciubotariu, Zhuyun Zhou, Zongwei Wu, Radu Timofte*

- 6 Soft Local Completeness: Rethinking Completeness in XAI, ☆ *Ziv Weiss Haddad, Oren Barkan, Yehonatan Elisha, Noam Koenigstein*

9:15 - 10:15 **Coffee Break** (Exhibit Hall II)9:00 - 9:30 **Poster Setup** (Exhibit Hall I)9:30 - 10:30 **Keynote** (Exhibit Hall III)
Linda B Smith, Distinguished Professor,
Indiana University, Secrets in the training data: The visual statistics of infants and children's everyday interactions with objects10:45 - 12:45 **Poster Session 5 & Exhibit Hall** (Exhibit Hall I)* - Highlight paper  - Award candidate paper

○ - Oral Paper ☆ - Outstanding Reviewer

- 1 On the Provable Importance of Gradients for Autonomous Language-Assisted Image Clustering, *Bo Peng, Jie Lu, Guangquan Zhang, Zhen Fang*
- 2 Inter2Former: Dynamic Hybrid Attention for Efficient High-Precision Interactive Segmentation, *You Huang, Lichao Chen, Jiayi Ji, Liujuan Cao, Shengchuan Zhang, Rongrong Ji*
- 3 Vector Contrastive Learning For Pixel-Wise Pretraining In Medical Vision, *Yuting He, Shuo Li*
- 4 OphCLIP: Hierarchical Retrieval-Augmented Learning for Ophthalmic Surgical Video-Language Pretraining, *Ming Hu, Kun Yuan, Yaling Shen, Feilong Tang, Xiaohao Xu, Lin Zhou, Wei Li, Ying Chen, Zhongxing Xu, Zelin Peng, Siyuan Yan, Vinkle Srivastav, Diping Song, Tianbin Li, Danli Shi, Jin Ye, Nicolas Padoy, Nassir Navab, Junjun He, Zongyuan Ge*
- 5 ATCTrack: Aligning Target-Context Cues with Dynamic Target States for Robust Vision-Language Tracking, *Xiaokun Feng, Shiyu Hu, Xuchen Li, Dailing Zhang, Meiqi Wu, Jing Zhang, Xiaotang Chen, Kaiqi Huang*
- 6 HiERO: Understanding the Hierarchy of Human Behavior Enhances Reasoning on Egocentric Videos, *Simone Alberto Peirone, Francesca Pistilli, Giuseppe Averta*
- 7 CaptionSmiths: Flexibly Controlling Language Pattern in Image Captioning, *Kuniaki Saito, Donghyun Kim, Kwanyong Park, Atsushi Hashimoto, Yoshitaka Ushiku*
- 8 Multi-modal Segment Anything Model for Camouflaged Scene Segmentation, *Guangyu Ren, Hengyan Liu, Michalis Lazarou, Tania Stathaki*
- 9 OracleFusion: Assisting the Decipherment of Oracle Bone Script with Structurally Constrained Semantic Typography, *Caoshuo Li, Zengmao Ding, Xiaobin Hu, Bang Li, Donghao Luo, AndyPian Wu, Chaoyang Wang, Chengjie Wang, Taisong Jin, Seven Shu, Yunsheng Wu, Yongge Liu, Rongrong Ji*
- 10 MRGen: Segmentation Data Engine For Underrepresented MRI Modalities, *Haoning Wu, Ziheng Zhao, Ya Zhang, Yanfeng Wang, Weidi Xie*
- 11 An Efficient Hybrid Vision Transformer for TinyML Applications, *Fanhong Zeng, Huanan Li, Juntao Guan, Rui Fan, Tong Wu, Xilong Wang, Rui Lai*
- 12 Graph Domain Adaptation with Dual-branch Encoder and Two-level Alignment for Whole Slide Image-based Survival Prediction, *Yuntao Shou, Xiangyong Cao, Peiqiang Yan, Qiao Hui, Qian Zhao, Deyu Meng*
- 13 DeRIS: Decoupling Perception and Cognition for Enhanced Referring Image Segmentation through Loopback Synergy, *Ming Dai, Wenxuan Cheng, Jiang-jiang Liu, Sen Yang, Wenxiao Cai, Yanpeng Sun, Wankou Yang*
- 14 Pretend Benign: A Stealthy Adversarial Attack by Exploiting Vulnerabilities in Cooperative Perception, *Hongwei Lin, Dongyu Pan, Qiming Xia, Hai Wu, Cheng Wang, Siqi Shen, Chenglu Wen*
- 15 Understanding Personal Concept in Open-Vocabulary Semantic Segmentation, *Sunghyun Park, Jungsoo Lee, Shubhankar Borse, Munawar Hayat, Sungha Choi, Kyuwoong Hwang, Fatih Porikli*
- 16 CoralSRT: Revisiting Coral Reef Semantic Segmentation by Feature Rectification via Self-supervised Guidance, *Ziqiang Zheng, Yuk-Kwan Wong, Binh-Son Hua, Jianbo Shi, Sai-Kit Yeung*

- 17 CNS-Bench: Benchmarking Image Classifier Robustness Under Continuous Nuisance Shifts, *Olaf Dünkler, Artur Jesslen, Jiahao Xie, Christian Theobalt, Christian Rupprecht, Adam Kortylewski*
- 18 Visual Test-time Scaling for GUI Agent Grounding, *Tiang Luo, * Lajanugen Logeswaran, Justin Johnson, Honglak Lee*
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- 451 Allowing Oscillation Quantization: Overcoming Solution Space Limitation in Low Bit-Width Quantization, *Weiying Xie, Zihan Meng, Jitao Ma, Wenjin Guo, Haowei Li, Haonan Qin, Leyuan Fang, Yunsong Li*
- 452 FlowEdit: Inversion-Free Text-Based Editing Using Pre-Trained
 ○ Flow Models, *Vladimir Kulikov, Matan Kleiner, Inbar Huberman-Spiegelglas, Tomer Michaeli*
- 453 LayerTracer: Cognitive-Aligned Layered SVG Synthesis via
 ○ Diffusion Transformer, *Yiren Song, Danze Chen, Mike Zheng Shou*

10:45 - 12:45 Demos 5 (Exhibit Hall I)

- CF3: Compact and Fast 3D Feature Fields, *Hyunjoon Lee, Joonkyu Min, Jaesik Park*
- Stable Signer, *Sen Fang*
- Hi3DGen: High-fidelity 3D Geometry Generation from Images via Normal Bridging, *Chongjie Ye*

11:00 - 13:00 Lunch (Exhibit Hall II / Overflow Seating Rooftop and Third Floor)

13:00 - 14:15 Oral Session 6A: Physical Scene Perception (Exhibit Hall III)

Session Chairs: Young Min Kim, Nianyi Li

🏆 - Award candidate paper ☆ - Outstanding Reviewer

- 1 SuperDec: 3D Scene Decomposition with Superquadrics Primitives, *Elisabetta Fedele, Boyang Sun, Leonidas Guibas, Marc Pollefeys, Francis Engelmann*

- 2 Diffusion Image Prior, *Hamadi Chihaoui, Paolo Favaro*
- 3 Spatially-Varying Autofocus, *Yingsi Qin, Aswin C. Sankaranarayanan, Matthew O'Toole*
- 4 Towards Foundational Models for Single-Chip Radar, *Tianshu Huang, Akarsh Prabhakara, Chuhan Chen, Jay Karhade, Deva Ramanan, Matthew O'toole, Anthony Rowe*
- 5 Event-based Visual Vibrometry, *Xinyu Zhou, Peiqi Duan, Yeliduosi Xiaokaiti, Chao Xu, Boxin Shi*

13:00 - 14:15 Oral Session 6B: Segmentation and Grouping (Kalakaua Ballroom)

Session Chairs: Nathan Jacobs, Yu-Xiong Wang

- 1 CorrCLIP: Reconstructing Patch Correlations in CLIP for Open-Vocabulary Semantic Segmentation, *Dengke Zhang, Fagui Liu, Quan Tang*
- 2 E-SAM: Training-Free Segment Every Entity Model, *Weiming Zhang, Dingwen Xiao, Lei Chen, Lin Wang*
- 3 Online Reasoning Video Segmentation with Just-in-Time Digital Twins, *Yiqing Shen, Bohan Liu, Chenjia Li, Lalithkumar Seenivasan, Mathias Unberath*
- 4 Easy3D: A Simple Yet Effective Method for 3D Interactive Segmentation, *Andrea Simonelli, Norman Müller, Peter Kontschieder*
- 5 ForestFormer3D: A Unified Framework for End-to-End Segmentation of Forest LiDAR 3D Point Clouds, *Binbin Xiang, Maciej Wielgosz, Stefano Puliti, Kamil Král, Martin Krůček, Azim Missarov, Rasmus Astrup*

14:00 - 14:30 Poster Setup (Exhibit Hall I)

14:30 - 16:30 Poster Session 6 & Exhibit Hall with Coffee Break (Exhibit Hall I)

✱ - Highlight paper 🏆 - Award candidate paper

○ - Oral Paper

- 1 X2-Gaussian: 4D Radiative Gaussian Splatting for Continuous-time Tomographic Reconstruction, *Weihao Yu, Yuanhao Cai, Ruyi Zha, Zhiwen Fan, Chenxin Li, Yixuan Yuan*
- 2 Inverse Image-Based Rendering for Light Field Generation from Single Images, *Hyunjun Jung, Hae-Gon Jeon*
- 3 HyperGCT: A Dynamic Hyper-GNN-Learned Geometric Constraint for 3D Registration, *Xiyu Zhang, Jiayi Ma, Jianwei Guo, Wei Hu, Zhaoshuai Qi, Fei Hui, Jiaqi Yang, Yanning Zhang*
- 4 CounterPC: Counterfactual Feature Realignment for
 ✱ Unsupervised Domain Adaptation on Point Clouds, *Feng Yang, Yichao Cao, Xiu Su, Dan Niu, Xuanpeng Li*
- 5 AD-GS: Object-Aware B-Spline Gaussian Splatting for Self-Supervised Autonomous Driving, *Jiawei Xu, Kai Deng, Zexin Fan, Shenlong Wang, Jin Xie, Jian Yang*
- 6 EvaGaussians: Event Stream Assisted Gaussian Splatting from Blurry Images, *Wangbo Yu, Chaoran Feng, Jianing Li, Jiye Tang, Jiashu Yang, Zhenyu Tang, Meng Cao, Xu Jia, Yuchao Yang, Li Yuan, Yonghong Tian*
- 7 Axis-level Symmetry Detection with Group-Equivariant Representation, *Wongyun Yu, Ahyun Seo, Minsu Cho*
- 8 STD-GS: Exploring Frame-Event Interaction for SpatioTemporal-Disentangled Gaussian Splatting to Reconstruct High-Dynamic Scene, *Hanyu Zhou, Haonan Wang, Haoyue Liu, Yuxing Duan, Luxin Yan, Gim Hee Lee*
- 9 Monocular Semantic Scene Completion via Masked Recurrent Networks, *Xuzhi Wang, Xinran Wu, Song Wang, Lingdong Kong, Ziping Zhao*
- 10 ORION: A Holistic End-to-End Autonomous Driving Framework by Vision-Language Instructed Action Generation, *Haoyu Fu, Diankun Zhang, Zongchuang Zhao, Jianfeng Cui, Dingkan Liang, Chong Zhang, Dingyuan Zhang, Hongwei Xie, Bing Wang, Xiang Bai*
- 11 All in One: Visual-Description-Guided Unified Point Cloud Segmentation, *Zongyan Han, Mohamed El Amine Boudjoghra, Jiahua Dong, Jinhong Wang, Rao Muhammad Anwer*
- 12 Bolt3D: Generating 3D Scenes in Seconds, *Stanislaw Szymanowicz, Jason Y. Zhang, Pratul Srinivasan, Ruiqi Gao, Arthur Brussee, Aleksander Holynski, Ricardo Martin-Brualla, Jonathan T. Barron, Philipp Henzler*
- 13 PossLoss: A Reliable and Sensitive Facial Landmark Detection Loss

- Function, *Qikui Zhu*
- 14 Unsupervised RGB-D Point Cloud Registration for Scenes with Low Overlap and Photometric Inconsistency, *Yejun Shou, Haocheng Wang, Lingfeng Shen, Qian Zheng, Gang Pan, Yanlong Cao*
- 15 Semantic Causality-Aware Vision-Based 3D Occupancy Prediction, *Dubing Chen, Huan Zheng, Yucheng Zhou, Xianfei Li, Wenlong Liao, Tao He, Pai Peng, Jianbing Shen*
- 16 U-ViLAR: Uncertainty-Aware Visual Localization for Autonomous Driving via Differentiable Association and Registration, *Xiaofan Li, Zhihao Xu, Chenming Wu, Zhao Yang, Yumeng Zhang, Jiang-Jiang Liu, Haibao Yu, Xiaoqing Ye, Yuan Wang, Shirui Li, Xun Sun, Ji Wan, Jun Wang*
- 17 Benchmarking Burst Super-Resolution for Polarization Images: Noise Dataset and Analysis, *Inseung Hwang, Kiseok Choi, Hyunho Ha, Min H. Kim*
- 18 Group Inertial Poser: Multi-Person Pose and Global Translation from Sparse Inertial Sensors and Ultra-Wideband Ranging, *Ying Xue, Jiayi Jiang, Rayan Armani, Dominik Hollidt, Yi-Chi Liao, Christian Holz*
- 19 DreamCube: RGB-D Panorama Generation via Multi-plane Synchronization, *Yukun Huang, Yanning Zhou, Jianan Wang, Kaiyi Huang, Xihui Liu*
- 20 OcRFDet: Object-Centric Radiance Fields for Multi-View 3D Object Detection in Autonomous Driving, *Mingqian Ji, Shanshan Zhang, Jian Yang*
- 21 GaussianFlowOcc: Sparse and Weakly Supervised Occupancy Estimation using Gaussian Splatting and Temporal Flow, *Simon Boeder, Fabian Gigengack, Benjamin Risse*
- 22 RESCUE: Crowd Evacuation Simulation via Controlling SDM-
* United Characters, *Xiaolin Liu, Tianyi Zhou, Hongbo Kang, Jian Ma, Ziwen Wang, Jing Huang, Wenguo Weng, Yu-Kun Lai, Kun Li*
- 23 SG-LDM: Semantic-Guided LiDAR Generation via Latent-Aligned Diffusion, *Zhengkang Xiang, Zizhao Li, Amir Khodabandeh, Kourosh Khoshelham*
- 24 LookOut: Real-World Humanoid Egocentric Navigation, *Boxiao Pan, Adam W. Harley, Francis Engelmann, C. Karen Liu, Leonidas J. Guibas*
- 25 PointGAC: Geometric-Aware Codebook for Masked Point Modeling, *☆ Abiao Li, Chenlei Lv, Yuming Fang, Yifan Zuo, Jian Zhang, Guofeng Mei*
- 26 Statistical Confidence Rescoring for Robust 3D Scene Graph Generation from Multi-View Images, *Qi Xun Yeo, Yanyan Li, Gim Hee Lee*
- 27 PRM: Photometric Stereo based Large Reconstruction Model, ** Wenhao Ge, Jiantao Lin, Guibao Shen, Jiawei Feng, Tao Hu, Xinli Xu, ☆ Ying-Cong Chen*
- 28 4D Gaussian Splatting SLAM, *Yanyan Li, Youxu Fang, Zunjie Zhu, Kunyi Li, Yong Ding, Federico Tombari*
- 29 Billboard Splatting (BBSplat): Learnable Textured Primitives for *☆ Novel View Synthesis, David Svitov, Pietro Morerio, Lourdes Agapito, Alessio Del Bue*
- 30 Generalizable Non-Line-of-Sight Imaging with Learnable Physical Priors, *Shida Sun, Yue Li, Yueyi Zhang, Zhiwei Xiong*
- 31 Hi3DGen: High-fidelity 3D Geometry Generation from Images via Normal Bridging, *Chongjie Ye, Yushuang Wu, Ziteng Lu, Jiahao Chang, Xiaoyang Guo, Jiaqing Zhou, Hao Zhao, Xiaoguang Han*
- 32 Baking Gaussian Splatting into Diffusion Denoiser for Fast and Scalable *☆ Single-stage Image-to-3D Generation and Reconstruction, Yuanhao Cai, He Zhang, Kai Zhang, Yixun Liang, Mengwei Ren, Fajun Luan, Qing Liu, Soo Ye Kim, Jianming Zhang, Zhifei Zhang, Yuqian Zhou, Yulun Zhang, Xiaokang Yang, Zhe Lin, Alan Yuille*
- 33 Discretized Gaussian Representation for Tomographic Reconstruction, *Shaokai Wu, Yuxiang Lu, Yapan Guo, Wei Ji, Suizhi Huang, Fengyu Yang, Shalayiding Sirejiding, Qichen He, Jing Tong, Yanbiao Ji, Yue Ding, Hongtao Lu*
- 34 SuperMat: Physically Consistent PBR Material Estimation at *☆ Interactive Rates, Yijia Hong, Yuan-Chen Guo, Ran Yi, Yulong Chen, Yan-Pei Cao, Lizhuang Ma*
- 35 RI3D: Few-Shot Gaussian Splatting With Repair and Inpainting Diffusion Priors, *Avinash Paliwal, Xilong Zhou, Wei Ye, Jinhui Xiong, Rakesh Ranjan, Nima Khademi Kalantari*
- 36 Dual-S3D: Hierarchical Dual-Path Selective SSM-CNN for High-Fidelity Implicit Reconstruction, *Luoxi Zhang, Pragyansh Shrestha, Yu Zhou, Chun Xie, Itaru Kitahara*
- 37 FastPoint: Accelerating 3D Point Cloud Model Inference via Sample Point Distance Prediction, *Donghyun Lee, Dawoon Jeong, Jae W. Lee, Hongil Yoon*
- 38 Self-Calibrating Gaussian Splatting for Large Field-of-View Reconstruction, ** Youming Deng, Wengqi Xian, Guandao Yang, Leonidas Guibas, Gordon Wetzstein, Steve Marschner, Paul Debevec*
- 39 RobuSTereo: Robust Zero-Shot Stereo Matching under Adverse Weather, *Yuran Wang, Yingping Liang, Yutao Hu, Ying Fu*
- 40 Transformer-based Tooth Alignment Prediction with Occlusion and Collision Constraints, *Zhenxing Dong, Jiazhou Chen*
- 41 Gaussian Splatting with Discretized SDF for Relightable Assets, *Zuo-Liang Zhu, Jian Yang, Beibei Wang*
- 42 MMGeo: Multimodal Compositional Geo-Localization for UAVs, *Yuxiang Ji, Boyong He, Zhuoyue Tan, Liaoni Wu*
- 43 AdaptiveAE: An Adaptive Exposure Strategy for HDR Capturing in Dynamic Scenes, *Tianyi Xu, Fan Zhang, Boxin Shi, Tianfan Xue, Yujin Wang*
- 44 Large Scene Generation with Cube-Absorb Discrete Diffusion, *Qianjiang Hu, Wei Hu*
- 45 SynAD: Enhancing Real-World End-to-End Autonomous Driving Models through Synthetic Data Integration, *Jongsuk Kim, Jaeyoung Lee, Gyojin Han, Dong-Jae Lee, Minki Jeong, Junmo Kim*
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- 47 Robust Unfolding Network for HDR Imaging with Modulo Cameras, *Zhile Chen, Hui Ji*
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- 50 Momentum-GS: Momentum Gaussian Self-Distillation for High-Quality Large Scene Reconstruction, *Jixuan Fan, Wanhua Li, Yifei Han, Tianru Dai, Yansong Tang*
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- 52 A Real-world Display Inverse Rendering Dataset, *Seokjun Choi, Hoon-Gyu Chung, Yujin Jeon, Giljoo Nam, Seung-Hwan Baek*
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- 59 GSRecon: Efficient Generalizable Gaussian Splatting for Surface Reconstruction from Sparse Views, *Hang Yang, Le Hui, Jianjun Qian, Jin Xie, Jian Yang*
- 60 GeoDistill: Geometry-Guided Self-Distillation for Weakly Supervised Cross-View Localization, *Shaowen Tong, Zimin Xia, Alexandre Alahi, Xuming He, Yujiao Shi*
- 61 REPARO: Compositional 3D Assets Generation with Differentiable 3D Layout Alignment, *Haonan Han, Rui Yang, Huan Liao, Jiankai Xing, Zunnan Xu, Xiaoming Yu, Junwei Zha, Xiu Li, Wanhua Li*
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- World?, *Stuti Pathak, Prashant Kumar, Dheeraj Baiju, Nicholas Mboga, Gunther Steenackers, Rudi Penne*
- 64 V2XPnP: Vehicle-to-Everything Spatio-Temporal Fusion for Multi-Agent Perception and Prediction, *Zewei Zhou, Hao Xiang, Zhaoliang Zheng, Seth Z. Zhao, Mingyue Lei, Yun Zhang, Tianhui Cai, Xinyi Liu, Johnson Liu, Maheswari Bajji, Xin Xia, Zhiyu Huang, Bolei Zhou, Jiaqi Ma*
- 65 InstaDrive: Instance-Aware Driving World Models for Realistic and Consistent Video Generation, *Zhuoran Yang, Xi Guo, Chenjing Ding, Chiyu Wang, Wei Wu, Yanyong Zhang*
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- 69 UniMLVG: Unified Framework for Multi-view Long Video Generation with Comprehensive Control Capabilities for Autonomous Driving, *Rui Chen, Zehuan Wu, Yichen Liu, Yuxin Guo, Jingcheng Ni, Haifeng Xia, Siyu Xia*
- 70 INSTINCT: Instance-Level Interaction Architecture for Query-Based Collaborative Perception, *Yunjia Xu, Lingzhi Li, Jin Wang, Yupeng Ouyang, Benyuan Yang*
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- 97 RogSplat: Robust Gaussian Splatting via Generative Priors, *Hanyang Kong, Xingyi Yang, Xinchao Wang*
- 98 HiNeuS: High-fidelity Neural Surface Mitigating Low-texture and
 * Reflective Ambiguity, *Yida Wang, Xueyang Zhang, Kun Zhan, Peng Jia, Xianpeng Lang*
- 99 RGE-GS: Reward-Guided Expansive Driving Scene Reconstruction via Diffusion Priors, *Sicong Du, Jiarun Liu, Qifeng Chen, Hao-Xiang Chen, Tai-Jiang Mu, Sheng Yang*
- 100 Scene Coordinate Reconstruction Priors, *Wenjing Bian,*
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- 108 RIOcc: Efficient Cross-Modal Fusion Transformer with Collaborative Feature Refinement for 3D Semantic Occupancy Prediction, *Baojie Fan, Xiaotian Li, Yuhao Zhou, Yuyu Jiang, Jiandong Tian, Huijie Fan*
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- 112 Probabilistic Inertial Poser (ProBP): Uncertainty-aware Human Motion Modeling from Sparse Inertial Sensors, *Min Kim, Younho Jeon, Sungho Jo*
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- 120 Mitigating Geometric Degradation in Fast DownSampling via FastAdapter for Point Cloud Segmentation, *Shuofeng Sun, Haibin Yan*
- 121 Noise2Score3D: Tweedie's Approach for Unsupervised Point Cloud Denoising, *Xiangbin Wei, Yuanfeng Wang, Ao Xu, Lingyu Zhu, Dongyong Sun, Keren Li, Yang Li, Qi Qin*
- 122 ArchiSet: Benchmarking Editable and Consistent Single-View 3D Reconstruction of Buildings with Specific Window-to-Wall Ratios, *Jun Yin, Pengyu Zeng, Licheng Shen, Miao Zhang, Jing Zhong, Yuxing Han, Shuai Lu*
- 123 ClaraVid: A Holistic Scene Reconstruction Benchmark From Aerial Perspective With Delentropy-Based Complexity Profiling, *Radu Beche, Sergiu Nedevschi*
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- 126 SEHDR: Single-Exposure HDR Novel View Synthesis via 3D Gaussian
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- 127 Omni-scene Perception-oriented Point Cloud Geometry Enhancement for Coordinate Quantization, *Wang Liu, Wei Gao*
- 128 SL2A-INR: Single-Layer Learnable Activation for Implicit Neural Representation, *Reza Rezaeian, Moein Heidari, Reza Azad, Dorit Merhof, Hamid Soltanian-Zadeh, Ilker Hacihaliloglu*
- 129 TARS: Traffic-Aware Radar Scene Flow Estimation, *Jialong Wu, Marco Braun, Dominic Spata, Matthias Rottmann*
- 130 DoppDrive: Doppler-Driven Temporal Aggregation for Improved Radar Object Detection, *Yuval Haitman, Oded Bialer*
- 131 FVGen: Accelerating Novel-View Synthesis with Adversarial Video Diffusion Distillation, *Wenbin Teng, Gonglin Chen, Haiwei Chen, Yajie Zhao*
- 132 Simulating Dual-Pixel Images From Ray Tracing For Depth Estimation, *Fengchen He, Dayang Zhao, Hao Xu, Tingwei Quan, Shaoqun Zeng*
- 133 Leaps and Bounds: An Improved Point Cloud Winding Number
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- 423 HumanOLAT: A Large-Scale Dataset for Full-Body Human Relighting and Novel-View Synthesis, *Timo Teufel, Pulkit Gera, Xilong Zhou, Umar Iqbal, Pramod Rao, Jan Kautz, Vladislav Golyanik, Christian Theobalt*
- 424 Super Resolved Imaging with Adaptive Optics, ** Robin Swanson, Esther Y. H. Lin, Masen Lamb, Suresh Sivanandam, Kiriakos N. Kutulakos*
- 425 HVPUNet: Hybrid-Voxel Point-cloud Upsampling Network, *☆ Juhyung Ha, Vibhas Kumar Vats, Soon-heung Jung, Alimoor Reza, David J. Crandall*
- 426 Stealthy Backdoor Attack in Federated Learning via Adaptive Layer-wise Gradient Alignment, *Qingqian Yang, Peishen Yan, Xiaoyu Wu, Jiaru Zhang, Tao Song, Yang Hua, Hao Wang, Liangliang Wang, Haibing Guan*

14:30 - 16:30 Demos 6 (Exhibit Hall I)

- Hybrid Rendering for Multimodal Autonomous Driving: Merging Neural and Physics-Based Simulation, *Máté Tóth, Péter Kovács, Zoltán Bendefy, Zoltán Hortsin, Balázs Teréki, Tamás Matuszka*
- Ubiquitous Ultra-Efficient Mobile Video Super-resolution with Logic Gates, *Felix Petersen, Louis Le Coeur*
- Consensus-Driven Active Model Selection, *Justin Kay, Grant Van Horn, Subhansu Maji, Daniel Sheldon, Sara Beery*

FLOOR PLAN LEVEL 1

Kamehameha Exhibition Hall and Lobby



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FLOOR PLAN LEVEL 3 Meeting Rooms

Complimentary Wi-Fi Area
Connect to : Hawaii Free Wi-Fi

LEGEND	
	Business center
	808 Café
	Escalator (2nd FL parking)
	Escalator (3rd & 4th FL)
	Elevator
	Restroom (Men)
	Restroom (Women)
	Water fountain
	Bottle filler
	Defibrillator
	First aid
	Art display
	Smoking area
	LCD board
	Entrance
	Wi-Fi area
	Vending area



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FLOOR PLAN LEVEL 4

Ballroom and Rooftop Garden



LEGEND

- Escalator (3rd & 4th FL)
- Elevator
- Restroom (Men)
- Restroom (Women)
- Water fountain
- Defibrillator
- Smoking area
- LCD board
- Wi-Fi area

ROOFTOP GARDEN FEATURES:

- 2.5 acre open air rooftop garden
- Floor Load Limit, 100 lbs per net sq. ft.
- Grassy stage area approx. 37 x 42 ft.

Complimentary Wi-Fi Area
Connect to : Hawaii Free Wi-Fi

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NURSING POD

The Hawaii Convention Center (HCC) now offers a **private, comfortable and clean space to pump or nurse.**

HCC's **ADA compliant Mamava lactation pod** is spacious, secure and offers a 60" turnaround and grab bars for easy wheelchair access. The pod includes the following features:

- Secure access with Mamava app or access code
- Two benches
- Dual outlet and USB port
- Shelf, mirror, and coat hook
- Ceiling vents and exhaust fan
- Occupancy-activated lighting



Look for the nursing pod located at the **Lobby Level near Exhibit Hall 1.**

To unlock, users may download the Mamava app or use HCC's house phone (located beside the pod) and dial "0" to request for the access code.

For more information about the Mamava app, click [HERE](#).



Information about
the Mamava app

www.hawaiiconvention.com



