3DCVP 2024

2nd Workshop on 3D Computer Vision and Photogrammetry

In conjunction with the 2024 IEEE International Conference on Image Processing

@ Abu Dhabi, UAE

Monday, 28th October 2024

Schedule

Time (PM)	Title
14:30-14:50	**«An image to 3D cross-modal approach for real-time 3D Human Posture Estimation»** Swapna Agarwal, Tata Consultancy Services Limited Aniruddha Sinha, Tata Consultancy Services Limited Avik Ghose, Tata Consultancy Services Limited
14:50-15:10	**«Exploitation of open source datasets and Deep Learning Models for the Detection of objects in Urban Areas»** Elpida Gkouvra, National Technical University of Athens Thodoris Betsas, National Technical University of Athens Maria Pateraki, National Technical University of Athens
15:10-15:30	**«A Robust Skeleton lines extraction method for individual tree modeling using terrestrial LiDAR point clouds»** Zhenyang Hui, East China University of Technology Yating He, East China University of Technology Yuanping Xia, East China University of Technology Ting Hui, Guangdong AIB Polytechnic Yuxin Xia, East China University of Technology
15:30-15:50	Invited paper: **«A Comparative Assessment of LiDAR-SLAM Approaches Using Terrestrial Laser Scanner Data»**

Manolis Taoulai, University of West Attica
Maria Petsa, University of West Attica
Andreas El Saer, University of West Attica
Christophoros Nikou, University of Ioannina
Lazaros Grammatikopoulos, University of West Attica

15:50-16:30 Coffee break

16:30-16:50 **«ISOGAN: A GAN-based method for isometric view images generation from three orthographic views contour drawings»**
Thao Nguyen Phuong, FPT Consulting Japan
Hidetomo Sakaino, FPT Consulting Japan
Vinh Nguyen Duy, FPT Consulting Japan

16:50-17:10 **«Underwater Archaeological Object Detection through bidirectional photogrammetric fusion»**
Ethan Zammit, University of Malta
Dylan Seychell, University of Malta
Carl James Debono, University of Malta
Timmy Gambin, University of Malta
John Wood, University of Malta

17:10-17:30 **«Metasplats: Rapid Sparse 2D view to 3D novel view synthesis»**
Joshna Manoj Reddy, Metashop Private Limited
Mukul Ingle, Metashop Private Limited

17:30-17:45 Closing remarks & Discussions