

SHORT CV Maria Pateraki:

Thematic Area: Dimensions (TA4)

Working Group 4.2 Presence and Interaction

Key areas of Expertise in Digital Heritage:

- Multi-modal AR interaction
- Gesture recognition
- Image-based 3D modelling
- Camera tracking



Dr. Maria Pateraki is an associate researcher at the Computational Vision and Robotics Laboratory at the Institute of Computer Science of the Foundation for Research and Technology – Hellas in Greece. She received her PhD in Photogrammetry from the Swiss Federal Institute of Technology in Zurich (ETHZ), Switzerland and has been a research associate at the Univ. of Melbourne and the Cooperative Research Center for Spatial Information (CRCSI) in Melbourne, Australia and a visiting assistant professor at the Computer Science Department (CSD) of the University of Crete (UoC) and the School of Rural and Surveying Engineering at the University of Thessaloniki, Greece. Her research is confined in the converging areas of photogrammetry and computer vision with respect to 2D/3D object extraction and tracking, pose estimation and 3D reconstruction. She has over 40 publications in peer-reviewed conferences and journals in these topics, has contributed two book chapters in the field of enabling technologies for CH and edited the Taylor & Francis book on “Recording, Modeling and Visualization of Cultural Heritage, 2006”. She has R&D experience in large industries, research institutes and academia with an established track record of developing large-scale vision systems for real-world problems. She has coordinated research work and has participated in more than 25 EU, international and national funded projects, several in the CH domain.



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