

Trends in Photogrammetry

A Colloquium on the occasion of Inaugurating Prof. A. Gruen with the Honorary Doctor Degree



Amphitheater, School of Rural and Surveying Engineering, The Aristotle University
22 September 2015, Thessaloniki, Greece

09:00-09:15	Welcome and Agenda Petros Patias (The Aristotle University), Armin Gruen (ETH-AUTH)
09:15-09:30	Challenges in monitoring the dynamic Earth System from Low Earth Orbiters Dimitrios Tsoulis (Chairman, School of Surveying Engineering, AUTH)
09:30-09:45	Mapping the World Gottfried Konecny (University of Hannover, ISPRS Honorary President)
09:45-10:00	Recent Scientific Developments in Disaster Risk Management Orhan Altan (Istanbul Technical University, past ISPRS President, ICSU EB Member)
10:00-10:15	Ensuring our Rapid Response to Change, Ensuring the Surveyor of Tomorrow Chryssy Potsiou (FIG President, NTU Athens, Greece)
10:15-10:30	Cartographic and Geoinformatics Challenges in the Start of Big Data Era Milan Konecny (Masaryk University, Czech Rep., past ICA President)
10:30-10:45	On the feasibility to extract information about major national level events and their location from Social Networks Communication Ammatzia Peled (University of Haifa, past ISPRS 2 nd Vice President)
10:45-11:00	Archaeology and Architectural applications of Photogrammetry Stratos Stylianidis (CIPA Secretary General, AUTH)
11:00-11:15	Hyperspectral fusion and spectral unmixing Emmanuel Baltsavias (Swiss Federal Institute of Technology (ETH) Zurich, Switzerland)
11:15-11:30	Airborne real-time monitoring system for urban applications and disaster management support Peter Reinartz (German Aerospace Center, Head, Dept. of Photogrammetry and Image Analysis, Germany)
11:30-11:45	Applied Photogrammetry and GIS in a large European Production Environment - Challenges and Advantages Ralph Schroth (Blom Deutschland GmbH, Germany)
11:45-12:00	Visual tracking in dynamic scenes Maria Pateraki (FORTH, Computational Vision and Robotics Laboratory, Heraklion, Greece)
12:00-12:15	3D change detection of forest areas Devrim Akca (Ekinoks Surveying Software Engineering, Istanbul)
12:15-12:30	Underwater photogrammetry for 3D modeling in archaeological and biological applications Alessandro Capra (Università degli Studi di Modena e Reggio Emilia, Italy)
12:30-12:45	On the unexpected usefulness of theory in modern geodetic problems Christoforos Kotsakis (AUTH)
12:45-13:00	Spatial optimization: An indispensable tool for development Demetrios Fotakis, Epameinondas Sidiropoulos (AUTH)
13:00-13:30	Round table discussion - Farewell