

Preface

The future of televised entertainment lies in the third dimension. However, knowledge of destination makes the road no less challenging, as the obstacles ahead are insurmountable without a cooperation in distinct fields such as capturing 3D scenery, data transmission, 3D signal processing and 3D displays, which in turn span a wide range of topics from imaging to signal processing, telecommunications to optics and physics.

The objective of 3DTV-CON 2008 is to provide a medium for pioneering researchers from diverse disciplines and backgrounds to come together, identify and discuss the current problems, share their recent research results, and pool their resources to further 3D vision research to new horizons.

3DTV-CON 2008 is organized by the European Union (EU) Information Society Technologies (IST) Sixth Framework Program Network of Excellence project 3DTV (FP6-511568), Bilkent University and Middle East Technical University. We are grateful to our sponsors Institute of Electrical and Electronics Engineers, Inc. (IEEE), European Association for Signal Processing (EURASIP) and MPEG Industry Forum (MPEG-IF). We are also very grateful to our sponsors Tur&Bo Turkish Research and Business Organizations AISBL, The Scientific and Technical Research Council of Turkey (TUBITAK), BEKO Electronics Corporation, VESTEK R&D Corporation and VESTEL Corporation, Insight Media, Mars Entertainment Group, and Garanti Technology.

The conference follows the very successful 3DTV-CON 2007, held in Kos Island, Greece, between 7-9 May 2007, co-chaired by Georgios Triantafyllidis and Levent Onural. We are grateful to them for helping us at every stage of the organization process by transferring their experience in 3DTV-CON 2007.

The conference technical program is composed of 12 oral sessions (including 2 special sessions) containing 69 papers and 2 poster sessions containing 28 papers, covering the areas 3D scene capture and representation, human face and body specific techniques, rendering techniques, 3D/multiview coding and transmission, perceptual factors, 3D display technologies and applications. The conference also hosts 3 keynote speeches, 3 tutorials, and two social events.

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Atanas Gotchev. We also thank to the personnel of travel agency DEKON Congress & Tourism for the registration process, organizing the social events and helping us to plan the budget. Last, but not least, we are grateful to our Local Organizing Committee Members and Web masters, especially Cevahir ıęla, Kıvan Köse, Onur Önder, Engin Türetken, and Elif Vural.

The proceedings of 3DTV-CON 2008 will be archived by IEEE Xplore, following the practice of the previous conference.

However 3DTV-CON 2008 is not just a bunch of technical presentations and speakers. You can also enjoy the natural and historical beauty of Istanbul.

Uęur Gdkbay and A. Aydın Alatan
3DTV-CON 2008 Conference Co-Chairs