

Message from the Chairs

Capturing 3D scenery, processing the captured data for storage and transmission, and displaying the result for creating 3D visual sensation are the main functional components of a 3DTV system. 3DTV-CON 2011 is the 5th in a series of successful conferences bringing together researchers and developers with diverse experience and activity in distinct, yet complementary, areas in relation to 3D television. The conference series has been initiated by the project 3DTV: Integrated Three-Dimensional Television—Capture, Transmission, and Display. The project is a Network of Excellence project supported by European Union Sixth Framework Information Society Technologies (IST) Program. Over 180 researchers from 19 European institutions participated to the project and the project is led by Bilkent University, Ankara, Turkey. The project started at September 2004 and successfully completed at the end of August 2008.

The conference involves a wide range of disciplines including image and video processing, computer vision and graphics, telecommunications, electronics, optics and physics. Professionals from these areas attend 3DTV-CON 2011 and take part in its activities. The conference consists of tutorials, plenary talks, and special and regular sessions on 3D capture and processing, 3D coding and transmission, 3D visualization and interaction, and 3D applications.

The event is technically sponsored by IEEE Signal Processing Society Turkish Chapter, IEEE Computer Society Turkish Chapter and MPEG-IF. The proceedings of the conference is archived by IEEE Xplore, following the practice of the previous conferences.

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Uğur Güdükbay and Levent Onural