3DTV

"The True Vision"

www.3dtv-research.org

3DTV
**INTEGRATED THREE-DIMENSIONAL TELEVISION-
CAPTURE, TRANSMISSION, AND DISPLAY**

3DTV NoE - Contact Information

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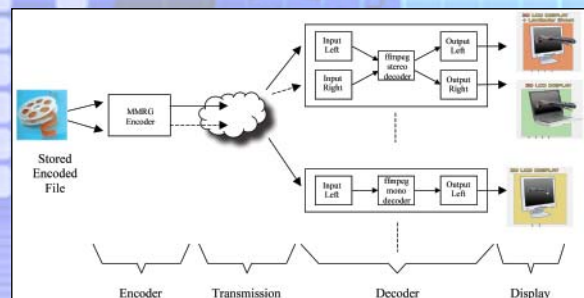e-mail: onural@bilkent.edu.tr

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Information Society
Technologies

Stereoscopic Video Streaming System

A streaming system for stereoscopic videos is implemented. System uses open source libraries and applications for streaming stereoscopic video content. Stereoscopic video is encoded by Stereoscopic H.264 Encoder (METU-MMRG Encoder) in order to reduce the bandwidth with backward compatability. Display module of the client can handle several different stereoscopic displays (autostereoscopic displays (stereo or multiview), polarized glass systems, shutter glass systems).

Fog Screen™

The name: FogScreen™. The breakthrough: A thin curtain of "dry" fog that serves as a floating, translucent projection screen, showing images that literally float in the air. The result: Amazement and attention - which is why FogScreen™ is a hit at restaurants, nightclubs, museums, product launches, casinos and trade shows. The demo is available at the FogScreen™ stand in IST Event 2006

3D Media Center developed by HHI with video content provided by Momentum

The 3D Media Center supports novel stereoscopic applications in the Internet and telecommunication sector. The feasibility of user-friendly 3D video telephony, 3DTV and attractive online shopping originates outstanding impressions. The user does not need special aids (e.g. stereo glasses). He interacts by simple gestures pointing at objects in a virtual space. That kind of user interaction in combination with depth representation ensures a totally new dimension of fascination.