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3B TV – kayıtdan gösterime

Kayıt ➔ Gösterim ➔ Kodlama ➔ İletişim ➔ Görünüleme

01.12.2008
Günümüzünde 3BTV

- Avrupa topluluğu projeleri
- Yayınıcı firmalar
Avrupa Topluluğu Projeleri

- ATTEST: Advanced Three-dimensional Television System Technologies
- 3DTV: Integrated Three-Dimensional Television - Capture, Transmission and Display
- Holonics: Holographic and Action Capture Techniques
- Muted: Multi-User 3D Television Display
- 3DPHONE: All 3D Imaging Phone
- 3D4YOU: Content generation and delivery for 3D television
- MOBILE3DTV: Mobile 3D TV Content Delivery Optimization over DVB-H System
- Real 3D: Digital holography for 3D and 4D real-world objects' capture, processing, and display
- Helium3D: High efficiency laser-based multi-user multi-modal 3D display
- 3DPresence: A multi-party, high-end 3D videoconferencing
- 2020 3D Media: Spatial sound and vision
The Disney Channel came to stereoscopic 3D experts Inition to produce interstitial content for their upcoming 3D TV transmission of The Hannah Montana *Best of Both Worlds* Concerts on the Disney Channel UK. The concert, to be broadcast at 6pm on 31st October, will also feature a live-action 3D broadcast from the Fiennes and Ferb Fan Club shot in 3D by Inition at Disney’s West London studios.
Yayınçılı Firmalar -2

- Japonya – Günde 4 kez 3B yayın
- Mart 2008 – BBC canlı 3B rugby maçı yayınladı (England V Scotland)
Holographic TV

- Telstra used the Musion System to beam a live holographic image of senior staff member, Dr Hugh Bradlow, between Melbourne and Adelaide, in what has been billed as an Australian first.
- CNN: During the American election Jessica Yellin was recorded as a hologram and beamed into the studio.
Standartlar

- Video Kodlama – H.264/MPEG4 Part 10 Amd. 4
- Tel çerçeve kodlama – MPEG4-3DAV (AFX) Amd. 2 Part 16 - FBAMC
3D Consortium

- 3D içerik
- 3D iletişim
- 3D gösterim

Ortaklar

Steering Members

- Itochu Corporation
- NAMCO BANDAI Games Inc.
- NTT Data Corporation
- Sanyo Electric Co., Ltd.
- SEICO EPSON CORPORATION
- SGI Japan, Ltd.
- Sharp Corporation
- Sony Corporation

Members (Japan)

- 3D Incorporated
- Brother Industries, Ltd.
- Computer Software Association of Japan
- The Sapporo Television Broadcasting Co., Ltd.
- HI CORPORATION
- SGI Japan, Ltd.
- 3D Incorporated
- NHK Media Corporation
- Unique Instruments Co., Ltd.
- Corp.
- Corporate Research & Development Center Toshiba Corporation
- Hitachi, Ltd.
- HOYA CORPORATION
- National Institute of Information and Spatial View Inc.
- NETDIMENSION
- TDVision
- ROKKON Inc.
- Crossmedia
- Samsung
- Skip City
- 3D Consortium

Related site

- http://www.ddd.co.jp
- http://www.cyverse.co.jp
- http://www.actioforma.net
- http://www2.nict.go.jp/x/index.html
- http://mxengine.net
- http://www.ep-s.jp
- http://www.research.philips.com/technologies/display/ov_3ddisp.htm
- http://www.rokkon.co.jp

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Kayıt

- Çoklu kamera
- Stereoscopic Kamera
- Holographic
- 2B+derinlik
Gösterim

- Çoklu video
- 2B+derinlik
- Tel çarşeve
- Holographic
Kodlama

- Çoklu video
- Stereo
- Holographic
- Tel çerçeve
- Çoklu tanımlamalı
H.264 Multiview Extension (General)

- Anchor Pictures
- 1. Level Non-Anchor B Pictures
- 2. Level Non-Anchor B Pictures
- 3. Level Non-Anchor B Pictures
- Multiview
- Stereoscopic
İletim

- Payload
- Telli ve telsiz
- Hataya dayanıklı kodlar
- Hata düzeltme
**İletim**

- Raptor codes
- Hata düzeltme
Gösterim

- Stereoscopic
- Autostereoscopic
- Holographic
- Head - mounted
Sonuç

- Siyah-beyaz -> renkli -> 3B
- İçerik çoğalmalı
- Standartlar üzerine çalışmalar devam etmeli
- Rahat izleme koşulları