

8th International Symposium on Emerging and Industrial Texas Instruments DLP® Technology Applications

Date: Nov. 06, 2013

Time: 09:30 h – 17:00 h

Location: Holiday Inn Frankfurt Airport-North, Frankfurt/Main, Germany

Program and Schedule

- 09:30 h Welcome by Organizers
- 09:35 h **Key Note**
The Evolution of DLP Technology
Gina Park, Product Line Manager DLP-Catalog, Texas Instruments Inc.
- 10:05 h **Advanced 3D measuring instrumentation using DLP® technology**
Dr. Roland Höfling, Petra Aswendt, ViALUX GmbH
- 10:30 h Coffee break
- 11:00 h **Rapid Optical Sectioning Fluorescence Microscopy with DMD Technology**
Dr. Anthony de Vries, MPI for Biophysical Chemistry
- 11:25 h **Innovative Rapid Prototyping Solutions using DLP**
Maurizio Costabeber, Senior Consultant – DWS srl
- 11:50 h **Spectro-imagers using DMDs**
Dr. Frederic Zamkotsian, Lab. d'Astrophysique de Marseille
- 12:15 h Lunch break
- 14:00 h **Thermal Design Considerations for DMD-based Systems**
Benjamin Lee, Application Engineer - Texas Instruments Inc.
- 14:25 h **Micro-Optical Components for DLP Illumination**
Reinhard Voelkel, Suss MicroOptics S.A.

- 14:50 h **LUXBEAM DLP Scrolling Technology for High Resolution Exposure Applications**
Oyvind Tafjord, Visitech AS
- 15:15 h Coffee break
- 15:45 h **DLP Architecture in Next Generation HUD and 3D Printing Combined with Volume Measurement Systems**
Yuval Kapellner, EKB
- 16:05 h **Compact and Reliable Speckle Reduction**
Mark Blum, Optotune AG
- 16:25 h **Scanning Wavefront Analysis for Enhanced Measurement Range**
Stephan Stuerwald, Fraunhofer Institute for Production Technology
- 16:50 h Closing words and end of event
Alfred Jacobsen, OpSys Project Consulting

Moderation: Alfred Jacobsen, OpSys Project Consulting

Exhibitors

- Beschichtungstechnik Elsoff GmbH
- Design!Struktur
- GFMesstechnik GmbH
- In-Vision Digital Imaging GmbH
- Keynote Photonics
- OpSys Project Consulting
- Optotune AG
- Texas Instruments Inc., DLP Catalog
- Texas Instruments Inc., DLP Pico
- ViALUX GmbH
- Visitech AS
- Wintech Corp.



Enabling New Growth Markets and Applications with DLP[®] Technology

Addendum to 8th International Symposium on Emerging and Industrial Applications

Date: Nov. 07, 2013

Time: 09:00 h – 15:00 h

Location: Holiday Inn Frankfurt Airport-North, Frankfurt/Main, Germany

Program and Schedule

- 09:00 h Welcome and Introduction
- 09:10 h DLP Portfolio Overview
Choosing the Right Chipset for Your Application
Dylan Thomas, Business Development DLP-Catalog, Texas Instruments Inc.
- 09:40 h DLP System Design Considerations
Introduction to DLP System Architectures
Benjamin Lee, Application Engineer, Texas Instruments Inc.
- 10:10 h Coffee Break
- 10:30 h DLP Evaluation Modules (EVMs)
DLP LightCrafter 4500: Hands on Training with the Newest DLP EVM
Blair Conner, Application Engineer, Texas Instruments Inc.
- 12:10 h Closing Remarks Morning Session
- 12:15 h Lunch



- 14:00 h New Growth Markets with DLP
 How to Identify New Opportunities for DLP
 Christoph Gromann, Business Development, Texas Instruments GmbH

- 14:30 h Enjoying new Business with DLP
 Making DLP Simple: Design Process and Resources
 Dylan Thomas, Business Development DLP-Catalog, Texas Instruments Inc.

- 15:00 h System Benefits with DLP
 Application Deep Dive: 3D Machine Vision
 Dylan Thomas, Business Development DLP-Catalog, Texas Instruments Inc.

- 15:30 h Closing Remarks Afternoon Session

Moderation: Christoph Gromann, Texas Instruments GmbH