



6th International Symposium on Emerging and Industrial DLP® Applications

Frankfurt/Main, Germany
Conference Center IHK Frankfurt
November 3rd, 2011

www.dlp-symposium.com

Conference Program

Morning Session

Key Note: On the DLP Horizon

Paul Rancuret, Texas Instruments Inc.

Focus Topic: Thermal Considerations for Pulsed Lasers

Benjamin L. Lee, Texas Instruments Inc.

Laser Speckle Reduction with Oscillating Diffusers

Mark Blum, OptoTune AG

Nichia – UV LED Product Overview

Thomas Lott, Alina Kiriletz, Nichia Chemical Europe GmbH

Optimize Digital Exposure to Light Sensitive Media

Endre Kirkhorn, Visitech AS

Noon Session

DLP Systems for Additive Manufacturing of Advanced Ceramic Materials

Johannes Patzer, University of Vienna

DLP System for Rapid Prototyping: Illumination and Imaging Configurations

Alexandra Müller, In-Vision Digital Imaging Optics GmbH

Diffraction Optical Elements in Use with DMD

Yuval Kapellner, EKB Technologies

Conference Program

Afternoon Session

Successful Evaluation of 2048x1080 DMD for Space Applications

Frederik Zamkotsian, Observatoire Astronomique de Marseille-Provence

Mosaic: a DMD-based Optical Device for Active Illumination. Principle and Applications in Life Sciences.

Bruno Combettes, Andor Technology

The Compact Embeddable Light Engine, Description and Applications

Scott Dewald, Digital Light Innovations

Exhibition

Confirmed exhibitors:

Texas Instruments Inc., Visitech AS, Optence e.V., OpSys Project Consulting, In-Vision Digital Imaging Optics GmbH, Design!Struktur U. Bernatzki. Further exhibitors to be announced.

If you are also interested in exhibiting at the event, please contact OpSys Project Consulting at office@opsysconsult.com.

Register at
www.dlp-symposium.com



During the past years a **wide variety of industrial and scientific applications** have been developed, such as spectroscopy and hyperspectral imaging in medicine, chemistry and geology applications, medical and life-science applications, UV applications in lithography, materials processing and rapid prototyping, optical metrology systems for quality inspection, processing inspection and manufacturing, or applications in optical networking.

Other **new fields are coming** into view such as augmented reality, head-up displays, holographic data storage, NIR projection systems, neuroscience imaging, volumetric displays, etc.

The **technical presentations** in the conference program cover the many challenging aspects of DLP product development, including

- New DLP and DLP Discovery product platforms
- Light source selection and their technical challenges
- Optical system concepts
- Electronics hardware, firmware and software
- System integration aspects

As a trigger for new product developments several presentations focus on **application examples** or relate closely to application aspects. Innovative product concepts are highlighted that give examples for successful market introductions in industrial DLP applications.

Sponsored by:



In-Vision Digital Imaging Optics GmbH
Guntramsdorf, Austria



Visitech AS
Drammen, Norway



Texas Instruments Inc. · Plano, TX, USA

Media partners:



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Registration Fees:

Members of Competence Networks (KNOT)

120,00 Euro (until Oct. 10, 2011) 160,00 Euro (after Oct. 10, 2011)

Others

140,00 Euro (until Oct. 10, 2011) 180,00 Euro (after Oct. 10, 2011)

**Cancellations prior to Oct. 24, 2011 free of charge;
full fee applies from Oct. 24, 2011**

For general questions please contact:

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For questions on the registration process please contact:

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Location

Chamber of Industry and Commerce (IHK Frankfurt am Main)
Ludwig-Erhard-Saal · Börsenplatz 4 · 60313 Frankfurt/Main · Germany

Parking Options during DLP®-Symposium

Parking Garage „Börse“ · Meisengasse, Frankfurt/M
Parking Garage „Schiller-Passage“ · Taubenstraße 11, Frankfurt/M

