



21 FEB 18


KEYNOTE STAGE


FOYER



11:30 AM - 12:00 AM 

The Extreme Light Infrastructure (ELI) – Laser Technology and Science at the extreme
Georg Korn



12:00 AM - 12:30 PM 

High Power Femtosecond Lasers – The Next Generation
Dr. Robert Riedel



SPECTARIS PANEL OF EXPERTS

2:00 PM – 3:00 PM 

Photonics - an ever-increasing phenomenon in the Automotive Industry

THE PANEL: **Günter Weitenkopf**, Managing Director of Hexagon in Wetzlar
Rolf Slatter, Managing Director of Sensitec
Holger Dietz, Director Key Account Management Janitza
Spokesperson for Continental
Heino Hilbig, inspirer of innovations + book author

CHAIRIED BY: **Oliver Dreissigacker** of the Wiley publishing house





3:00 PM - 3:30 PM 

Leica - phoenix from the ashes (origin and future of Leica / location Wetzlar)
Dr. Andreas Kaufmann

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EPIC TECHWATCH

10:30 AM Welcoming words
Jose Pozo, CTO, EPIC

10:35 AM Freeform optics for High the Systems
Stefan Baumer, Stefan Baumer, Sr. Optical System Designer, TNO

10:50 AM High-Precision 3D Printing for Integrated Optics
Benedik Stender, CTO, Multiphoton Optics

11:05 AM Technology Review about Manufacturing of Infrared Optics
Wolfgang Wilhelm, Sales Manager, AMS Technologies

11:20 AM Ultrathin (Free-Form) Optical Elements on Foils
Christian Sommer, Head of Optics, Joanneum

11:35 AM Micro structured optical elements, made in PMMA and Silicone On Glass
Juergen Zosel, Managing Director, ORAFOL Fresnel Optics


11:50 AM Large-volume precision molded plastic optics (COMPAS) based on matrix tooling
Marc Wielands, CEO, Wielands UPMT


12:05 PM Modeling Freeforms in OpticStudio
Chris Normanshire, Engineering Manager, ZEMAX

12:20 PM Creating Custom PDK Components for PIC Using the Synopsys/RSoft Design Flow
Rainer Födisch, General Manager, Light Tec


12:35 PM Software approach for the construction and optimization of automotive light guide designs
Andreas Bielawny, Manager Applications Engineering, Synopsys


12:50 PM Discussion and final remarks
Jose Pozo, CTO, EPIC



1:30 PM – 2:00 PM 

Connecting you to what matters
Scott Stegert, Vice President Continental



2:30 PM – 3:15 PM 

Watch out! The future! What you could do better, and what you'd be better leaving well alone, to ensure you are still in business tomorrow
Heino Hilbig, Innovation manager and author



3:00 PM – 3:30 PM 

Optical Surface Inspection – Reinvented as a One-Click Application
Dr. Fabian Etzold, Project Manager DIOPTIC GmbH

KEYNOTES POWERED BY





21 FEB 18

SEMINARS + WORKSHOPS

SECOND FLOOR



20 FEB 2018 
5:00 PM – 7:00 PM

General Data Protection (EU) – safe haven or impending downfall?



IT SECURITY IN THE CONTEXT OF INDUSTRY 4.0 | ROOM 5, SECOND FLOOR

09:45 AM Welcome address
Dr. Gernot Horst, IHK Lahn-Dill (Chamber of Commerce and Industry)

10:00 AM Cyber Crime: Online Attacks on Corporate Networks, Threats, Blackmail
Central Office for Industrial Cyber Crime (ZAC), Hesse State Criminal Police Agency

10:30 AM IT Security: Challenges and Minimum Standards
Markus Wiegand, Head of the Centre of Excellence for Cyber Security at the Hesse Interior Ministry

11:00 AM Cyber-Physical Attacks: Hacking in Real Life. When Hackers Control Machines
Prof. Dr. Tobias Eggendorfer, University of Applied Sciences Weingarten

11:30 AM Education and Training – Support and Partnership – the THM University of Applied Sciences Mittelhessen as a Regional Partner
Prof. Dr. Diethelm Bienhaus

12:00 AM LUNCH BREAK WITH LIGHT MEAL

1:00 PM Gigabit Economy - Products, Business Models and Business Processes
Daniel HERNSTEIN-von Glahn, data protection officer, Viessmann IT Service GmbH

1:30 PM Industry 4.0 – The Foundations of a Secure Future
Klaus Rieger, becom Systemhaus, GmbH & Co.KG

2:00 PM PANEL DISCUSSION FOLLOWED BY COFFEE BREAK

WITH COSTS



LEAN MEETS DIN – ENGINEERING MEETS DESIGN | ROOM 2, SECOND FLOOR

11:30 AM - 1:00 PM


- How to combine the digital and analogue world in the development phase? What is the best to be had from both worlds?
- How can we better identify the requirements of users, and translate these into the requirements management system?
- And how can the design process and methods be systematically integrated into my product development process (PDP)?

KEYNOTE SPEECH:

- Dr. Günther Würtz, Steinbeis-Transferzentrum**
- Jochen Denzinger, Iconstorm GmbH, Frankfurt am Main**

DIALOGUE ROUND:

- Udo Wagner, Studio Wagner: Design, Frankfurt am Main**
- Andreas Schulze, as/ industrial design, Limburg**
- Falko Schnelle, studio gross klein, Gießen**
- Sebastian Pedersen, Lekkerwerken GmbH, Wiesbaden**



EXTREME LIGHT INFRASTRUCTURE (ELI) WORKSHOP | ROOM 4, SECOND FLOOR

11:30 AM - 5:30 PM

- Welcome - Joint research strategies of the W3 Network and ELI-Beamlines in Prague
Ralf Niggemann, W3+ Network
- Control and manipulation of excitons: Strong-field physics using "intense" THz fields
Prof. Dr. Sangam Chatterjee, University of Giessen
- ELI-ultra-intense lasers: implementation of an international user facility
Dr. Georg Korn, ELI-Beamlines
- The ultra-high precision petawatt laser beam transport system of ELI-Beamlines
Dr. Stefan Borneis, ELI-Beamlines and GSI Helmholtzzentrum für Schwerionenforschung, Darmstadt
- Controlling the world's highest repetition rate petawatt laser up to the experiment
Birgit Plötzener, ELI-Beamlines
- Bio-medical applications at ELI-Beamlines
Dr. Jakob Andreasson, ELI-Beamlines and Uppsala University Industry
- Large plano and spherical optics for high power applications
Dr. Helmut Kessler, Manx Precision Optics Ltd.
- ID53010: The broad application field of interferometric displacement sensing
Dr.-Ing. Danilo Schmidt, Attocube
- High-end metrology for high-power precision laser optics
Torsten Glascke, Zygo AMETEK
- Schott advanced laser glass boosts the world's highest energy petawatt laser
Frank Elsmann, Schott AG
- HPFS 7980 Synthetic Fused Silica – Manufacturing & High Energy Laser Damage Properties
Dr.-Ing. Horst Apel, Corning



BUNDESFORUM MITTELSTAND | ROOM 3, SECOND FLOOR

12:00 AM – 3:00 PM

- Presentation of the association
- Presentation of the initiative "Skilled labor security"
- Dialogue between the BUNDESFORUM MITTELSTAND e.V. (Department of Foreign Trade) and the embassies of Berlin
- Presentation of the project "Lohnwerk"
- Company succession



BUSINESS MATCHING HESSEN | BOX 6, SECOND FLOOR

1:00 PM – 2:30 PM

Regionalmanagement Mittelhessen (regional management agency of Central Hesse) is hosting a get-together between foreign delegations and exhibitors based in Hesse.
 Organised in a relaxed atmosphere, you and your business development colleagues can connect with important international contacts.

DIN MEETING

21 + 22 FEB 2018 | CLOSED EVENT

