

# Press Release



BERTHOLD LEIBINGER  
STIFTUNG

## Nominations for International Laser Innovation Award Announced

**Eight candidates were selected for distinction. They are nominated for the Berthold Leibinger Innovationspreis and invited to present their innovation in person to the jury. Topics include silicon photonics, medical lasers and applications, laser measuring devices, lasers for and in micro machining, car body production and microlithography.**

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Biennially the Berthold Leibinger Innovationspreis awards innovations from around the world on applied laser technology. The nominees for the 2008 competition have just been announced by the private foundation Berthold Leibinger Stiftung who issues the prize since the year 2000. Eight nominees were selected from 33 applications and proposals from nine countries in Europe, Asia and North America.

The submitted work for the 2008 competition covers the wide spectrum of laser technology from photonics in communication and data storage via measuring devices, biphotonic imaging and medical lasers and applications, terahertz and ultrafast laser technology up to industrial laser material processing. The nominated individuals and groups impressed with their achievements and innovative drive to develop, apply and bring to market real life applications and laser sources benefiting people, society and industry.

The nomination includes a diploma and sculpture. The individuals and representatives of groups are invited to Ditzingen, Germany, to present their innovations in person to the jury. Based on the presentations the jury will select three prize winners for the Berthold Leibinger Innovationspreis 2008. The diplomas, sculptures and prize money of in total 35,000 euros will be presented to the prize winners on September 15 at the high light of the competition, the award ceremony which is a festive tribute to the laureates and a meeting place for 250 invited guests.

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### The nominees of the Berthold Leibinger Innovationspreis 2008:

Dr. med. Hans Christoph Ludwig, Dr. med. Thorsten Knobloch, Prof.

Dr. med. Veit Rohde, *Neurosurgical Clinic of the University Medical  
Center Göttingen, Georg-August-University, Germany*

Dr. Heinrich-Otto Teichmann, *LISA laser products OHG, Germany*

Dr. med. Kevin Rostasy, *Department of Paediatrics, Medical University  
Innsbruck, Austria*

Prof. Dr. med. Andreas Gross, *Asklepios Klinik Barmbek, Germany*

**“Development of a 2-Micron Solid-State Laser for Minimal Invasive  
Neuro-Endoscopy at Infants with Hydrocephalus and for Urology”**

Dr. Cary Gunn, *Luxtera Corp., USA*

**“Development of Silicon Photonics: Si-Based Detector“**

Dr. Nicolas Stoeckel, *Bayer AG, Germany*

Dr. Friedrich Bruder, *Bayer MaterialScience AG, Germany*

Dr. Kevin Curtis, Dr. Lisa Dhar, Dr. Adrian Hill, Dr. William Wilson,  
*InPhase Technologies Inc., USA*

**“Holographic Data Storage“**

Prof. Dr. Jürgen Czarske, Dr. Lars Büttner, Thorsten Pfister,  
*Faculty of Electrical Engineering and Information Technology,  
Technische Universität Dresden, Germany*

**“Laser Doppler Distance Sensor and its Applications“**

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## **Nominations for International Laser Innovation Award Announced**

Prof. Dr. Nabeel Riza, *College of Optics & Photonics CREOL,  
University of Central Florida, USA & Nuonics Inc., USA*

**„Hybrid Analog-Digital and All-Digital Laser Beam Profiler:  
A Paradigm Shift in Laser Beam Profiling Technology“**

Dr. Jens König, Dr. Thorsten Bauer, Ulrich Graf, *Robert Bosch GmbH,  
Germany*

Dr. Markus Willert, *Bosch Rexroth AG, Germany*

**“Ultrafast Laser Technology: The Future of High-Precision  
Micro Machining in High-Volume Production”**

Berthold Hopf, Dr. Klaus Debschütz, *Daimler AG, Germany*

**“RobScan - Robot-Guided Remote Scanner Laser Welding“**

Dr. Richard Sandstrom, Dr. Bill Partlo, *Cymer Inc., USA*

**“VUV Excimer Lasers for Advanced Microlithography“**