AKL – INTERNATIONAL LASER TECHNOLOGY CONgress
May 2–4, 2018 In Aachen

www.lasercongress.org
Are you looking for a forum where users, manufacturers and developers can intensively exchange ideas on the current state and perspectives of laser technology? Do you appreciate it when you can network with technology suppliers and customers to develop new strategies for your research, products or services and when you can directly profit from their experience in this sector? Then you have found the right event, the AKL’18.

For the twelfth time, laser manufacturers and laser users from various branches will meet at the biannual AKL – International Laser Technology Congress. Featuring over 600 participants, 77 speakers and over 50 sponsors, the AKL has established itself as the leading forum for applied laser technology in Germany. Supporting organizations include the European Commission, the European Photonics Industry Consortium EPIC, the Arbeitskreis Lasertechnik e.V., the European Laser Institute, OptecNet as well as industrial associations such as SPECTARIS, VDA, VDMA and VDI.

Join us and profit from AKL’s international character thanks to its simultaneous translations in German and English. In addition, you can use the congress surroundings to find out more about the newest technological breakthroughs in over 100 live presentations of the Fraunhofer ILT.

We look forward to seeing you in Aachen!

Prof. Dr. rer. nat. Reinhart Poprawe
Director of the Fraunhofer Institute for Laser Technology ILT
AKL’18 – Laser Technology Conference
The AKL’18 Laser Technology Conference provides a comprehensive overview of current developments in laser materials processing in macro and micro areas and in laser beam development. Moreover, it offers laser manufacturers and users an ideal platform to intensively exchange ideas and experience.

Sponsors’ Exhibition
Noteworthy companies from laser engineering show innovative products and processes, encompassing all aspects of laser technology, to interested congress participants.

Technology Business Day
The Technology Business Day is directed at leading managers and marketing directors who want specific information on the status and perspectives in the European, American and Asian laser markets.

Seminar Laser Technology ABC’s
You have little or no experience in how laser technology can be used? Then you can obtain the foundations on how lasers work and where they can be applied in the Seminar Laser Technology ABC’s.

Forum “Process Control” and Forum “Laser Additive Manufacturing”
If you would like to delve deeper into Process Control or Laser Additive Manufacturing, you can get a comprehensive overview on state of the art and current developments in two separate forums, as well as useful contacts to designated experts.

Conference Language
Lectures are presented in English and German with simultaneous interpreting.
### FORUM – Laser Additive Manufacturing

**from 9.00**  
**Check-in and Coffee Reception**  
Chairman: Prof. Johannes Henrich Schleifenbaum, Fraunhofer ILT, Aachen (D)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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</thead>
<tbody>
<tr>
<td>10.00</td>
<td><strong>Overview of Current Research Topics in (Hybrid-) Additive Manufacturing Using LMD</strong></td>
<td>Jan Bremer, Fraunhofer ILT, Aachen (D)</td>
</tr>
<tr>
<td>10.30</td>
<td><strong>Hybrid-Additive Manufacturing: Potential and Challenges for the Modern Big Tool Manufacture</strong></td>
<td>Dr. Tobias Todzy, Daimler AG, Sindelfingen (D)</td>
</tr>
<tr>
<td>11.00</td>
<td><strong>Generating of Additively Built Structures for Seal Segments by LMD</strong></td>
<td>Bryan McAuliffe, Lufthansa Technik Turbine, Shannon (IRL)</td>
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<tr>
<td>11.30</td>
<td><strong>Adaptive Machining of Additively Manufactured Components</strong></td>
<td>Dr. Claus Bremer, BCT GmbH, Dortmund (D)</td>
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<tr>
<td>12.00</td>
<td><strong>Lunch – Visit of the Sponsors’ Exhibition</strong></td>
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<tr>
<td>14.00</td>
<td><strong>Materials Engineering for Additive Manufacturing</strong></td>
<td>Dr. Andreas Weisheit, Fraunhofer ILT, Aachen (D)</td>
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<tr>
<td>14.30</td>
<td><strong>A Warehouse on the Data Stick or How AM Will Revolutionize Mobility</strong></td>
<td>Stefanie Brickwede, Mobility goes Additive e. V., Berlin (D)</td>
</tr>
<tr>
<td>15.00</td>
<td><strong>Additive Manufacturing of Gas Turbine Components</strong></td>
<td>Dr. Sebastian Piegert, Siemens AG, Berlin (D)</td>
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<tr>
<td>15.30</td>
<td><strong>Coffee Break – Visit of the Sponsors’ Exhibition</strong></td>
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<tr>
<td>16.30</td>
<td><strong>NextGeneration Spaceframe 2.0 – Additive Manufacturing for Lightweight Aluminium Construction</strong></td>
<td>Dr. Martin Hillebrecht, EDAG Engineering GmbH, Fulda (D)</td>
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<tr>
<td>17.00</td>
<td><strong>Software Solutions for Digital AM Process Chains</strong></td>
<td>Dr. Omar Fergani, Siemens PLM Software, Berlin (D)</td>
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**EVENING EVENT**

**19.00 - 23.00**  
**Dinner with Presentation of the “Innovation Award Laser Technology 2018”** in the Coronation Hall of Aachen’s Town Hall

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### FORUM – Process Control

**from 9.00**  
**Check-in and Coffee Reception**  
Chairman: Peter Abels, Fraunhofer ILT, Aachen (D)

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<td>10.00</td>
<td><strong>SCeye – Process Control for Remote and Tactile Laser Joining Applications</strong></td>
<td>Michael Ungers, Scansonic MI GmbH, Berlin (D)</td>
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<tr>
<td>11.00</td>
<td><strong>Process Monitoring and Control of Laser Beam Welding of Copper Materials</strong></td>
<td>Dr. Reiner Ramsayer, Robert Bosch GmbH, Renningen (D)</td>
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<tr>
<td>11.30</td>
<td><strong>360°-View on the Weld Seam with OCT for Laser Remote Welding</strong></td>
<td>Thibault Bautze, Blackbird Robotersysteme GmbH, Garching (D)</td>
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<td><strong>Process Monitoring for Laser Plastic Welding</strong></td>
<td>Carsten Wenzlau, Leister Technologies AG, Kaegiswil (CH)</td>
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<tr>
<td>14.30</td>
<td><strong>Process Monitoring in Advanced Mass Production Applications: Aluminum Welding and Pulsed Laser Welding of Dissimilar Metals</strong></td>
<td>Christoph Franz, 4D GmbH, Isernhagen (D)</td>
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<td>15.00</td>
<td><strong>Process Monitoring of SLM</strong></td>
<td>Dr. Yves-Christian Hagedorn, Aconity GmbH, Herzogenrath (D)</td>
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<td><strong>Coffee Break – Visit of the Sponsors’ Exhibition</strong></td>
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<tr>
<td>16.30</td>
<td><strong>LMD – For Sure! New Sensor and System Technology for Higher Process Stability in Laser Metal Deposition</strong></td>
<td>Stefan Mann, Fraunhofer ILT, Aachen (D)</td>
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<tr>
<td>17.00</td>
<td><strong>Holistic, Intelligent and Networked – Industrie 4.0</strong></td>
<td>Dr. Fabian Bause, Beckhoff Automation GmbH &amp; Co. KG, Verl (D)</td>
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</tbody>
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**EVENING EVENT**

**19.00 - 23.00**  
**Dinner with Presentation of the “Innovation Award Laser Technology 2018”** in the Coronation Hall of Aachen’s Town Hall
**SEMINAR LASER TECHNOLOGY ABC’S**

**from 11.30** Check-in and Light Refreshments

Room Berlin

Chairman: Dr. Arnold Gillner, Fraunhofer ILT, Aachen (D)

**12.30** Laser Processing for Industrial Applications – An Overview
Prof. Andreas Ostendorf, Ruhr-Universität Bochum, Bochum (D)

**13.00** CO₂-Laser, Disk-Laser, Ultrashort Pulsed Lasers: A Selection from the Laser Applicant’s View
Dr. Alexander Knitsch, TRUMPF Laser- und Systemtechnik GmbH, Ditzingen (D)

**13.30** Fiber and Diode Lasers: A Selection from the Laser Applicant’s View
Markus Rütering, Laserline GmbH, Mühlheim-Kärlich (D)

**14.00** The Pathway to the Workpiece – How to Efficiently and Application-Specific Form and Guide Laser Radiation
Dr. Markus Kogel-Hollacher, Precitec Optronik GmbH, Neu-Isenburg (D)

**14.30** Coffee Break – Visit of the Sponsors’ Exhibition

**15.30** Safety and Regulation in Industrial Laser Processes
Eduard Maisner, LASERVISION GmbH & Co. KG, Fürth (D)

**16.00** Selection of Qualified System Technology for Laser Material Processing
Norbert Höppe, KUKA Industries GmbH & Co. KG, Würselen (D)

**16.30** Practical Comparison of Laser Hardening with Conventional Hardening
• Ulrich Berners, LBBZ GmbH, Geilenkirchen (D)
• Ulrich Petschke, LBBZ GmbH, Geilenkirchen (D)

**17.00** Which Current Developments in Laser Technology Are Relevant for Industrial Applications in the Coming Years?
Dr. Arnold Gillner, Fraunhofer ILT, Aachen (D)

**TECHNOLOGY BUSINESS DAY**

**from 11.30** Check-in and Light Refreshments

Room Lissabon

Chairman: Prof. Peter Loosen, Fraunhofer ILT, Aachen (D)

**12.30** Status Quo and Perspectives of the European Laser Market and Development of the World Market
Klaus Löffler, TRUMPF Lasertechnik GmbH, Ditzingen (D) / AG Laser VDMA, Frankfurt (D)

**13.00** Status Quo and Perspectives of the Laser Markets in the US
• David A. Belforte, Belforte Associates, Sturbridge (USA)
• Dr. Ronald D. Schaeffer, PhotoMachining Inc., Pelham (USA)

**13.30** Status Quo and Perspectives of the Laser Markets in China
Dr. Bo Gu, BOS Photonics, Boston (USA)

**14.00** Status Quo and Perspectives of the Laser Markets in Japan
Dr. Kunihiko Washio, Paradigm Laser Research Ltd., Tokyo (JP)

**14.30** Coffee Break – Visit of the Sponsors’ Exhibition

**Trends in Laser Processing**

**15.30** Laser Processing in Lightweight Production in Automotive Industry
Dr. Jan-Philipp Weberpals, Audi AG, Neckarsulm (D)

**16.00** Metal Additive Manufacturing Applications in Aerospace and Energy
Stéphane Abed, Polys-Shape SAS, Salon de Provence (F)

**16.30** Selective Laser Soldering of Electromechanical Components – A Curse or a Blessing?
Dr. Chris-Jörg Rosen, PHOENIX CONTACT GmbH & Co. KG, Blomberg (D)

**17.00** Laser Processing in Microelectronics
Dr. Dirk Müller, Coherent Inc., Santa Clara (USA)

**EVENING EVENT**

**from 19.00 - 23.00** Dinner with Presentation of the “Innovation Award Laser Technology 2018”

Doors open

18.15 in the Coronation Hall of Aachen’s Town Hall
AKL’18 – Laser Technology Conference
Experts from research and industry will bring you up to date on the current trends in laser technology. Whether you are active in the automotive or aerospace industry, electrical or power engineering, mechanical engineering and microtechnology – you will get firsthand know-how and practice-relevant suggestions at the AKL’18. Just visit the lectures, the Sponsors’ Exhibition and our Live Presentations.

MAIN TOPICS

Gerd Herziger Session
• Chances and Challenges for Laser Technology
• Digitization in Photonic Production

Laser Beam Sources
• Solid State and Fiber Lasers
• Ultrafast Lasers – Beam Sources
• Diode Lasers
• Perspectives in Quantum Photonics

Laser Material Processing – Macro
• Selective Laser Melting
• Cutting
• Welding
• Laser Material Deposition

Laser Material Processing – Micro
• Micro Structuring
• Micro Joining
• Ultrafast Lasers – Applications
• Polishing and Thin Film Processing

Laser Technology Live
Over 80 Live Presentations will take place at Fraunhofer Institute for Laser Technology ILT and companies of the Application Center.
AKL’18 – LASER TECHNOLOGY CONFERENCE

Session 1: Laser Material Processing – Macro

Room Berlin

Selective Laser Melting
Chairman: Dr. Sebastian Bremen, Fraunhofer ILT, Aachen (D)
11.00 Additive Manufacturing – Ready for Series!
Maximilian Meixlsperger, BMW Group, München (D)
11.30 Status of Additive Manufacturing at MAN Diesel & Turbo
Dr. Roland Herzog, MAN Diesel & Turbo SE, Oberhausen (D)
12.00 Low Cost SLM with Diode Lasers
Mirjam Knöthe, LMI GmbH & Co. KG, Aachen (D)
12.30 Lunch – Visit of the Sponsor’s Exhibition

14.00 Session: Digitization in Photonic Production
Chairman: Prof. Reinhart Poprawe, Fraunhofer ILT, Aachen (D)
16.00 Shuttle Transfer to Fraunhofer ILT / Research Center DPP

LASER TECHNOLOGY LIVE

16.30 Laser Technology Live at Fraunhofer ILT
19.30 Shuttle Transfer to Research Campus DPP

KICK-OFF “I³-RESEARCH CENTER DPP”

16.30 Kick-off “I³-Research Center DPP” (until 18.00)
18.00 Shuttle Transfer to Fraunhofer ILT

EVENING EVENT

20.00 AKL’18 Networking with Snacks
Doors open 19.30 at Research Campus DPP
22.00 - 23.30 Shuttle Transfer to City Center

Session 2: Laser Material Processing – Micro

Room Brüssel

Micro Structuring
Chairman: Martin Reininghaus, Fraunhofer ILT, Aachen (D)
11.00 Combination Processes Cutting/Welding in Micro-Dimensions
Dr. Claudia Rester, LaserJob GmbH, Fürstenfeldbruck (D)
11.30 Micro Structuring for Automotive Industry
Dr. Johannes Finger, Fraunhofer ILT, Aachen (D)
12.00 Innovative Venting of Injection Molds with Laser Radiation
Klaus Eimann, Procter & Gamble Manufacturing GmbH, Marktheidenfeld (D)
12.30 Lunch – Visit of the Sponsor’s Exhibition

14.00 Session: Digitization in Photonic Production
Chairman: Prof. Reinhart Poprawe, Fraunhofer ILT, Aachen (D)
16.00 Shuttle Transfer to Fraunhofer ILT / Research Center DPP

LASER TECHNOLOGY LIVE

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Session 3: Laser Beam Sources

Room Lissabon

Solid State and Fiber Lasers
Chairman: Hans-Dieter Hoffmann, Fraunhofer ILT, Aachen (D)
11.00 Compact Pulsed Fiber Lasers with ns- and ps-Pulse Duration
Andreas Sievert, IPG Laser GmbH, Burbach (D)
11.30 Beam Sources and System Technology for Surface Treatment and Decoating
Edwin Büchter, Clean-Lasersysteme GmbH, Herzogenrath (D)
12.00 Pulsed Lasers for Industrial Applications
Dr. Florian Jansen, TRUMPF Laser GmbH, Schramberg (D)
12.30 Lunch – Visit of the Sponsor’s Exhibition

14.00 Session: Digitization in Photonic Production
Chairman: Prof. Reinhart Poprawe, Fraunhofer ILT, Aachen (D)
16.00 Shuttle Transfer to Fraunhofer ILT / Research Center DPP

LASER TECHNOLOGY LIVE

16.30 Laser Technology Live at Fraunhofer ILT
19.30 Shuttle Transfer to Research Campus DPP

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Doors open 19.30 at Research Campus DPP
22.00 - 23.30 Shuttle Transfer to City Center
FRIDAY, MAY 4, 2018

SESSIONS 1 - 3 PARALLEL

Room Berlin

1. Session 1: Laser Material Processing – Macro

Cutting
Chairman: Dr. Dirk Petring, Fraunhofer ILT, Aachen (D)

8.30 Laser Cutting Optics – Yesterday, Today, Tomorrow
Dr. Jürgen-Michael Weck, TRUMPF Werkzeugmaschinen GmbH + Co. KG, Ditzingen (D)

9.00 Mass Production without Dies by Ultra-High Speed Laser Blanking from Coil
buru Hori, HONDA Engineering Co. Ltd., Haga (JP)

9.30 CFRP is Demanding – Also on Laser Cutting
Dr. Frank Schröder, Fraunhofer ILT, Aachen (D)

10.00 Coffee Break – Visit of the Sponsor’s Exhibition

Laser Welding
Chairman: Dr. Dirk Petring, Fraunhofer ILT, Aachen (D)

11.00 Analysis of Process Dynamics in Laser Beam Welding by Means of Multiphysics Simulation
Prof. Andreas Otto, TU-Wien, Wien (AT)

11.30 Laser Welding Methods and Applications at an International Automotive Supplier
Florian Hansmann, MAGNA – Cosma Engineering Europe GmbH, Weikendorf (AT)

12.00 Recent Progress in Laser Beam Welding of Tailored Products for the Automotive Sector
Dr. Christian Both, WISCO Tailored Blanks GmbH, Duisburg (D)

12.30 Lunch – Visit of the Sponsor’s Exhibition

Laser Material Deposition
Chairman: Dr. Andreas Gaser, Fraunhofer ILT, Aachen (D)

14.30 Maintenance, Repair and Overhaul of Gas Turbine Components with LMD for Lifetime Extension
Dr. Bernd Burkard, Siemens AG, Berlin (D)

15.00 Wire vs. Powder LMD – Pros and Cons
Dr. Andreas Gaser, Fraunhofer ILT, Aachen (D)

15.30 The Practical Use of Extreme High Speed Laser Material Deposition (EHLA) in Industrial Environment
Andres Veldman, ICH Vremac Cylinders B.V., Apeldoorn (NL)

16.00 Outlook
Prof. Reinhart Poprawe, Fraunhofer ILT, Aachen (D)

16.30 End of the Lectures

Room Brussels

2. Session 2: Laser Material Processing – Micro

Micro Joining
Chairman: Dr. Alexander Olowsky, Fraunhofer ILT, Aachen (D)

8.30 What Does E-Mobility Have To Do With Lasers?
Special Challenges Require Special Solutions
Dr. Joachim Döhner, KUKA Industries GmbH, Augsburg (D)

9.00 Laser Joining for Battery and Power Electronics:
Key Technology for Electromobility
André Häusler, Fraunhofer ILT, Aachen (D)

9.30 Laser Processes in Jewelry Industry
Michael Stuer, Cartier Horlogerie, La Chaux-de-Fonds (CH)

10.00 Coffee Break – Visit of the Sponsor’s Exhibition

Ultrafast Lasers – Applications
Chairman: Dr. Arnold Gillner, Fraunhofer ILT, Aachen (D)

11.00 USP Laser Micro Processing of Macro Parts (MP²)
Dr. Kai Schön, EdgeWave GmbH, Würselen (D)

11.30 Laser Applications – From Nanosecond to Femtosecond Lasers
Dr. Klaus Kleine, Coherent Inc., Santa Clara (USA)

12.00 Laser Processing of Transparent Materials
Florian Lendner, GHT GmbH, Deggendorf (D)

12.30 Lunch – Visit of the Sponsors’ Exhibition

Polishing and Thin Film Processing
Chairman: Dr. Christian Vedder, Fraunhofer ILT, Aachen (D)

14.30 Laser-Based Production of Polymeric Coatings for Tribological Applications
Dr. Anna Buling, ELB – Eloxalwerk Ludwigsburg GmbH + Co. KG, Ludwigsburg (D)

15.00 Laser-Based Surface Coating with Gold for Industrial Connection Technology and Electronics
Prof. Johannes Heinrich-Schifferbaum, Fraunhofer ILT, Aachen (D)

15.30 Laser Polishing on It’s Way from Research into Industrial Manufacturing
Dr. Edgar Willenborg, Fraunhofer ILT, Aachen (D)

16.00 Outlook
Prof. Reinhart Poprawe, Fraunhofer ILT, Aachen (D)

16.30 End of the Lectures

Room Lisbon

3. Session 3: Laser Beam Sources

Ultrafast Lasers – Beam Sources
Chairman: Dr. Peter Rübschütz, Fraunhofer ILT, Aachen (D)

8.30 100 Watt Class Femtosecond Laser Perspectives
Dr. Clemens Höninger, Amplitude Systèmes, Pessac (F)

9.00 Kilowatt Class Ultrafast Lasers
Dr. Torsten Mans, AMPHOS GmbH, Herzogenrath (D)

9.30 High-Power Femtosecond Lasers with Application-Specific Wavelengths
Dr. Robert Riedel, Class 5 Photonics GmbH, Hamburg (D)

10.00 Coffee Break – Visit of the Sponsors’ Exhibition

Diode Lasers
Chairman: Martin Traub, Fraunhofer ILT, Aachen (D)

11.00 VCSELs in New Applications Using High Power and Short Pulses
Dr. Holger Mönch, Philips GmbH Photonics Aachen, Aachen (D)

11.30 Status Quo and Perspectives of High-Power Blue Diode Lasers for Materials Processing
Volker Kraske, Laserline GmbH, Mülheim-Kärlich (D)

12.00 Next Generation Multi-kW Diode Lasers with Enhanced Brightness
Steffen Ried, TRUMPF Laser GmbH, Schramberg (D)

12.30 Lunch – Visit of the Sponsors’ Exhibition

Perspectives in Quantum Photonics
Chairman: Dr. Bernd Jungbluth, Fraunhofer ILT, Aachen (D)

14.30 The Dawn of Quantum Networks
Prof. Ronald Hanson, QuTech, Delft (NL)

15.00 Quantum Sensors – Challenges and Opportunities
Dr. Robert Rübschütz, Robert Bosch GmbH, Renningen (D)

15.30 Achievements and Perspectives of Quantum Technology
Dr. Thierry Debuisschert, Thales Research & Technology, Palaiseau (F)
I³-Research Center Digital Photonic Production
With “Integrated Interdisciplinary Institutes – I³” the RWTH Aachen University establishes a novel and pioneering way of cross-disciplinary, university cooperation. In the “I³-Research Center Digital Photonic Production” (I³-RCDPP), 16 institutes from six faculties jointly research the singular properties of photons to be used in the production of the future. The construction of a research building, which is financed by the federal government and state of North-Rhine Westphalia, will be completed for this interdisciplinary research objective in summer 2018.

Prospectively, about 80 scientists will shape the future of the Digital Photonic Production on approx. 4300 square meters of usable floor area and laboratory.

In addition to the private funded Industry Building DPP, which has already been inaugurated in 2016, the new building and the I³-RCDPP thus constitute another element within the Research Campus Digital Photonic Production. The Research Campus DPP is an innovative way of long-term and strategic cooperation of research and economy “under one roof”. This spatial proximity offers a unique opportunity for continuous, direct interchange between university research and industrial development.

Research Focus
• Tailored light for research and photonic production
• Material development focusing on metals, semiconductor and bio materials
• Development and integration of photonic manufacturing processes in process and value chains

Joint Infrastructure in the I³-RCDPP (selection)
• Approx. 4300 square meters of usable floor area and laboratory
• Space for up to 80 researchers
• Powder atomization facility
• Multi-material, multi-beam SLM system
• Multi-material LMD system
• Ultra-short pulse laser with high-speed scanner
• Adaptive machining center with integrated laser beam source
• Multi-axis system for chemo-mechanical polishing of complex components
• CT-system and analytical laboratory

Participating Faculties
• Business and Economics
• Mechanical Engineering
• Electrical Engineering
• Medicine
• Materials Engineering
• Physics

Contact
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Telephone +49 241 8906-352
christian.hinke@ilt.rwth-aachen.de
www.forschungscampus-dpp.de

The Kick-off of the “I³-Research Center DPP” takes place within AKL’18 on May 3, 2018 from 16.30 to 18.00 h.
GENERAL INFORMATION

ON-SITE CHECK-IN: Eurogress Main Entrance
Monheimsallee 48, 52062 Aachen

LOCATIONS AND OPENING HOURS

Forum “Laser Additive Manufacturing”
Wednesday, May 2, 2018, 10.00 - 17.30 h
Check-in starting at 9.00 h

Forum “Process Control”
Wednesday, May 2, 2018, 10.00 - 17.30 h
Check-in starting at 9.00 h

Seminar Laser Technology ABC’s
Wednesday, May 2, 2018, 12.30 - 17.30 h
Check-in starting at 11.30 h

Technology Business Day
Wednesday, May 2, 2018, 12.30 - 17.30 h
Check-in starting at 11.30 h

AKL’18 – Laser Technology Conference
Thursday, May 3, 2018, 8.30 - 16.00 h
Friday, May 4, 2018, 8.30 - 16.30 h
Check-in May 3/4, 2018 starting at 8.00 h

Sponsors’ Exhibition
Wednesday, May 2, 2018, 12.00 - 17.00 h
Thursday, May 3, 2018, 10.30 - 16.00 h
Friday, May 4, 2018, 10.00 - 16.00 h
Foyer Hall Europa and Brüssel at the Eurogress

Awards Ceremony with Dinner
Registration necessary (fee required)
Wednesday, May 2, 2018
19.00 - 23.00 h (Doors open 18.15 h)
Coronation Hall / Town Hall, Markt, 52062 Aachen

AKL’18 Networking with Snacks at Research Campus DPP
Registration necessary (fee required)
Thursday, May 3, 2018
20.00 - 23.00 h (Doors open 19.30 h)
Research Campus DPP, Campus-Boulevard 79, 52074 Aachen

Conference Language
Lectures are presented in English and German with simultaneous interpreting.

Parking Garages
Near the conference locations:
• Eurogress: Parking Garage Eurogress, Monheimsallee (fee required)
• Coronation Hall / Town Hall: Parking Garages Mostardstraße and Büchel (fee required)

For further information regarding parking possibilities in Aachen, please visit: www.apag.de (in German)
Registration Fee
The registration fee includes conference proceedings, lunch or snacks, coffee breaks on the booked conference day as well as the Shuttle Transfer to Laser Technology Live at Fraunhofer ILT, to Research Campus DPP and the City Center.

EARLY BIRD REGISTRATION!
Those booking by March 9, 2018 will be able to take advantage of a 10 % Early Bird Discount on conference fees.

Seminar Laser Technology ABC’s – May 2, 2018
• 300 EUR / 270 EUR (Early Bird Registration)
• 240 EUR (Member*)

Technology Business Day – May 2, 2018
• 380 EUR / 342 EUR (Early Bird Registration)
• 304 EUR (Member*)

Forum “Laser Additive Manufacturing” – May 2, 2018
• 510 EUR / 459 EUR (Early Bird Registration)
• 408 EUR (Member*)

Forum “Process Control” – May 2, 2018
• 510 EUR / 459 EUR (Early Bird Registration)
• 408 EUR (Member*)

Awards Ceremony on May 2, 2018
Dinner with presentation of the “Innovation Award Laser Technology 2018”
• 120 EUR/Person (plus 19 % VAT)
• 120 EUR/Accompanying Person (plus 19 % VAT)

AKL’18 – Laser Technology Conference (Day 1) – May 3, 2018
• 610 EUR / 549 EUR (Early Bird Registration)
• 488 EUR (Member*)

AKL’18 – Laser Technology Conference (Day 2) – May 4, 2018
• 610 EUR / 549 EUR (Early Bird Registration)
• 488 EUR (Member*)

Evening Event on May 3, 2018
AKL’18 Networking with Snacks at Research Campus DPP
• 80 EUR/Person (plus 19 % VAT)

* Discounts Member
As a member of Arbeitskreis Lasertechnik AKL e.V., the European Laser Institute ELI e.V. or a scientific organization (universities, institutes of technology, Fraunhofer Institutes and research facilities), you are entitled to a discount of 20 % on conference fees as long as you book by March 9, 2018.

Registration
To register please use the form provided online at www.lasercongress.org. Once you have signed up you will receive a confirmation of participation as well as your invoice, which can be settled either by credit card (VISA, MasterCard) or by bank transfer.

REGISTRATION DEADLINE April 18, 2018.
On-Site Check-In
You will receive your name badge, the conference proceedings as well as the admission ticket for the evening event you have booked. Please wear your badge to all conference sessions and events.

Cancellations
Cancellations of participation must be submitted in writing. Those who cancel by March 31, 2018 will be reimbursed the attendance fee minus an administration charge of 90 EUR. Cancellations after this date will incur the full attendance fee. Should this happen, you will be sent a summary of the conference proceedings. The surcharge of 4% gross of the total for payments by credit card is non-refundable. If you are not able to attend, we welcome a substitute participant instead. In this case, please provide us with the name of the substitute participant via e-mail: akl@lasercongress.org.

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A certain contingent of hotel rooms with special negotiated prices have been reserved for the participants of AKL’18 and are valid for bookings from May 1–4, 2018. We strongly suggest that you make your reservations early in one of the following hotels (Keyword: AKL’18):
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Conference Locations

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