

# Stuttgart Laser Marketplace '18

## Speakers and Presentation Summaries

6<sup>th</sup> June 2018 , 13:00 - 16:30

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13:05 - 13:30

How Mobile Device Performance is Driving New Laser Processes

Dr. Dirk Mueller, Director of Strategic Marketing, Coherent Inc



As shrinking transistor nodes becomes exponentially more expensive and only very few manufacturers can afford to stay in the race, there is more emphasis on improving performance through innovative IC packaging. We will discuss the market drivers in advanced packaging poised for growth and illustrate how emerging laser-based applications help the semiconductor industry to improve performance even without migrating to the next transistor node.

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13:30 - 13:55

Fiber Lasers in China

Dr. Kevin Liu, General Manager, Shenzhen JPT Electronics

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13:55 - 14:20

Advanced Fiber Lasers Open Up New Areas of Application

Dr. Klaus Krastel, Director Automotive, IPG Laser

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14:20 - 15:10

Coffee break  
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15:10 - 15:35

Latest Trends in High Power Laser Processing for Emerging Applications

Till Schneider, Head of Laser Product Management, Trumpf Laser- und Systemtechnik



New applications are expected to contribute substantially to future market growth for high power lasers. In his presentation, Till Schneider will address emerging applications, their market potential and the solutions needed. These encompass more than lasers: intelligent beam management, optics, process sensors and i4.0 solutions.

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15:35 - 16:00

Laser Processing for Advanced Automotive Power Train Solutions

Dr. Andreas Mootz, Managing Director, EMAG Automation

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16:00 - 16:25

Global Market for Lasers and Laser Systems for Materials Processing

Dr. Arnold Mayer, President, Optech Consulting



2017 was an excellent year for laser materials processing. The global market for laser systems increased by more than 25% and reached a volume of € 15 billion, lead by surging demand in Asia across the board for most products. Is there more growth in the cards? Which are the future drivers and growth segments? Dr. Arnold Mayer will present the latest market data and provide an outlook.