

# Invitation

## ENGEL Lightweight Future Day 2019

7 May 2019 | ENGEL AUSTRIA, Schwertberg

We would like to inform you about exciting developments and the latest trends in the lightweight sector. Therefore we want to invite you to our headquarters in Schwertberg on 7th May 2019. The ENGEL Lightweight Future Day will update you on the current status of development and production.

Lightweight materials are used in the automotive sector and in the aerospace industry. Just as diverse as these areas is our lecture programme: Renowned experts from well-known companies will give you a detailed insight into the present and a visionary outlook on the future. In addition, there is a keynote about the trendsetting topic AI. Stay tuned!

Take your chance and sign up no later than 1st May 2019 online – places are limited. We look forward to an event, where communication and exchange are in the focus!

Your ENGEL Team

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# Programme

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7 May 2019

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- 8.30 Get-together
- 9.00 Welcoming
- 9.10 Fully automated, customised solutions for thermoplastic fibre composites  
**Sebastian Picheta** | ENGEL AUSTRIA
- 9.40 Processing composites in an one-shot-process: Challenges for the toolmaker  
**Christian Götze** | Georg Kaufmann Formenbau
- 10.10 Artificial Intelligence: Data as an essential resource for the innovation strategy  
**Michael Fischschweiger** | DIGITAL PHYSICS AI
- 10.40 Break
- 11.00 Durable lightweight structures for vehicles  
**Stefan Caba** | EDAG Engineering
- 11.30 Thermoplastic composites: Taking automotive technology to aerospace  
**Peter Quigley** | CCP Gransden
- 12.00 Lunch break
- 13.00 Use of 3D printing for structural thermoplastics in the automotive sector  
**Georg Käsmeier** | Forward Engineering
- 13.30 Development of a thermoplastic rear pressure bulkhead  
**Christoph Stehncken** | Premium AEROTEC
- 14.00 Machinery and process engineering for the production of thermoset fibre reinforced plastic parts  
**Lorenz Reith** | ENGEL AUSTRIA
- 14.30 Break
- 14.45 Affordable lightweight design for high-volume production: Doormodules made from thermoplastic composites  
**Michael Thienel** | Brose Fahrzeugteile
- 15.15 Fibre placement without limiting kinematics  
**Philipp Sämann** and **Dominik Delisle** | German Aerospace Center
- 15.45 Guided plant tour
- 17.00 End of the day at our new customer technology centre in casual atmosphere

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Photographs and video footage will be taken during this event. Please note that this material may be used and published for documentation, reporting and marketing purposes.