



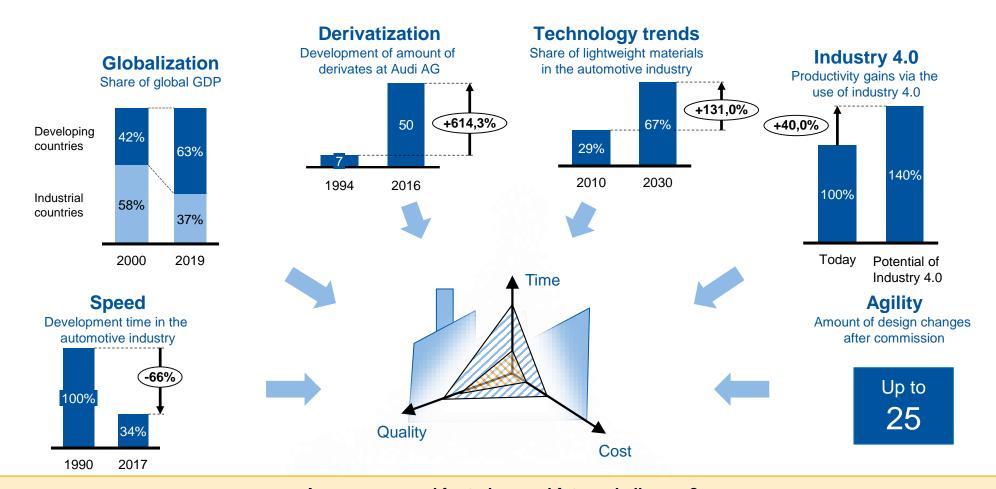
Advanced Tool and Die Making – Future Strategies and Solutions Three Day International Seminar



- 1 Motivation: Trends and Challenges in Tool and Die Making
- 2 Seminar: Content, Structure and Organization
- 3 WBA Aachener Werkzeugbau Akademie

Trends in the Producing Industry Put Severe Pressure on Tooling Companies Forcing to Enhance Time, Quality and Costs



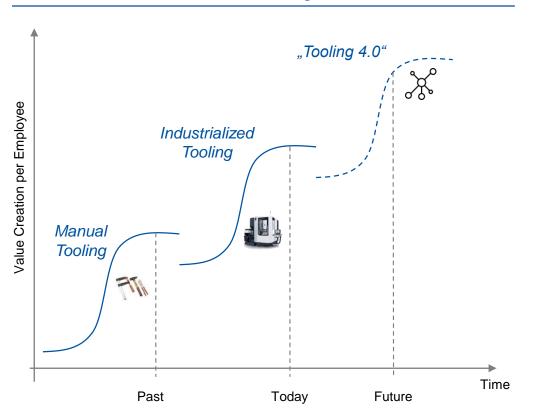


Are you prepared for todays and future challenges?

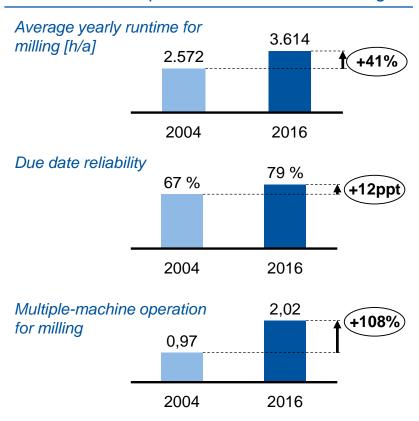
Successful Tooling Companies Have Managed to Constantly Adapt to Emerging Challenges



The evolution of tool manufacturing



Constant development within German tooling



Tool and die making companies have to continuously adapt strategies, processes and technologies to ensure future competitiveness

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The Seminar "Advanced Tool and Die Making" Will Facilitate Relevant Knowledge to Improve Operational Excellence



Topics in focus

Process standardization & flow production



Process-oriented manufacturing and utilization of repetition effects for single batch manufacturing

Additive manufacturing



New opportunities by 3D printing technologies and connection into integrated process chains

Production planning and control



Efficient planning and scheduling to ensure delivery reliability and value creation speed

Digitalization & Industry 4.0





Outlook to the possibilities of Industry 4.0 for the tooling industry as well as best

practice examples



Visit one of Germany's best tool shops and get in touch with local tooling experts



Visit the RWTH Aachen
University innovation campus
with the latest production
technology



Learn from experienced lecturers and tooling experts and enjoy state-of-the-art training facilities



Experience real cases from the tooling industry for immediate application



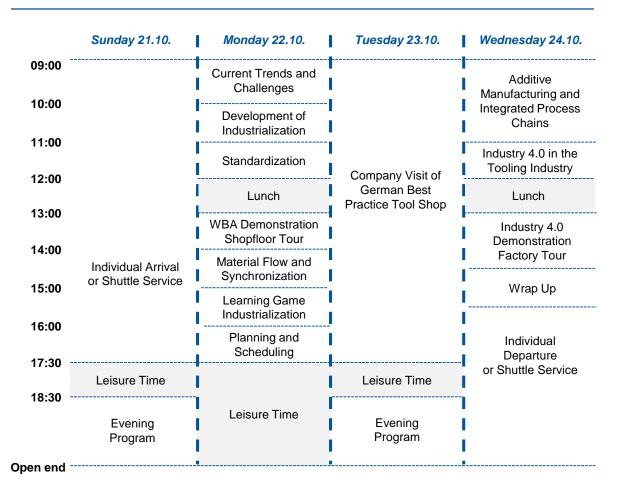
Explore the historic city of Aachen with the cathedral



The Seminar Is Structured into Three Days of Presentations, Case Studies and Insights into Best Practice Examples



Structure of the seminar



Accompanying tooling activities

Get the most out of your days in Germany: Combine the seminar with a visit to Germanys' famous tooling fair "Fakuma" in Friedrichshafen



Key facts:

- International trade fair for plastics processing
- 1.800 exhibitors
- 50.000 visitors from 120 countries
- Latest technologies, processes and tools for efficient plastics processing via injection molding, extrusion, thermoforming and 3D printing

The Seminar Includes Free Local Transfers and Accommodation in a 4**** Hotel in Germany





Dates

22. - 24.10.2018





Cost

2,500€early booking **2,900€**regular booking



Group size





Registration

- Registration via email and payment of respective fees
 - Early booking fees (2,500€) apply for reservations from now until 31.08.2018! To use the discount the early booking price has to be transferred until 31.08.2018 with confirmation of payment!
 - Regular booking fees (2,900€) apply after 31.08.2018 and have to be paid in full until 12.10.2018 with confirmation of payment!
- Free cancellation and full refund until 31.08.2018 for participant!
- Please note, that the WBA reserves the right to cancel the event until 31.08.2018 in case of insufficient participation. Please do not make any travel arrangements prior that date!
- If you want to attend the seminar with your colleagues, ask for a group discount!

Organization details and included services:

- Free shuttle from the airports Düsseldorf and Cologne on Sunday, 21st of October 2018 (departure at 5:00 pm)
- Free shuttle on Wednesday, 24th of October 2018 starting at 3:00 pm to the airports Düsseldorf and Cologne (arrival about 4:30 pm)
- Free transportation during the seminar program
- Accommodation in a **** Hotel from 21st of October 2018 until 24th of October 2018
- Evening program including dinner on Sunday and Tuesday
- Free breakfast and lunch on the seminar days Monday, Tuesday and Wednesday
- Digital and printed documentation of the seminar documents
- Support of the participants through trained specialists prior to the seminar and during the event
- Access to state-of-the-art training facilities in the new introduced cluster of production technology from RWTH Aachen University
- International flights and the arrival to Aachen are not included except for the free airport shuttles mentioned above



The Three Day International Seminar Has Already Taken Place in 2016 and 2017 in an Innovative and Interactive Environment





The international seminar promotes global exchange in order to solve today's challenges in the tool and die industry

Challenge Us during Our International Teaser Webinars – 30 Minutes Introduction into Specific Topic with the Latest Insights





Webinar

- 30 Minutes
- Presentation of latest research and consulting insights
- Live video stream, chat- und poll function
- Download presentations, whiteboards and recording of the webinar

International Webinars 2018

Free password for all Webinars: ISAT2018

- Industrialization of the Tooling Industry (06th of April, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)
- Industry 4.0 in the Tooling Industry
 (04th of May, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)
- Additive Manufacturing in the Tooling Industry (25th of May, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)
- Industrialization of the Tooling Industry (06th of July, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)
- Industry 4.0 in the Tooling Industry (10th of August, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)
- Additive Manufacturing in the Tooling Industry (14th of September, 10:00-10:30am & 05:00-05:30pm, GMT+02:00)

Webinar "Industry 4.0 in the Tooling Industry"



04th of May 2018

- Gain insights into possible implementation scenarios of Industry 4.0 technologies
- Learn about new technologies and best-practice-solutions from tooling and other industries
- Discuss open questions with our experts

Contact and registration for webinars



Carmen Halm

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The WBA Aachener Werkzeugbau Akademie Offers the Full Range of Tool Making Competence



Who we are

- Central point of contact for tool shops
- Close collaborator with institutes of the RWTH Aachen University and the Fraunhofer-Gesellschaft
- 25 employees with organizational and technological focus on tool making
- Dedicated demonstration tool shop
- Execution of approx. 50 consulting projects per year
- Initiator and leader of approx. 10 research projects per year with partners from our network

Who our partners are



Where we come from



Our mission

- Establish successful business strategies and enhance operational excellence for our customers
- Share insights on future business and market developments and latest technological enablers
- Connect our partners for multi level cooperation
- Qualify personnel for current and future challenges

Please Get in Contact with Us for Further Details and Discussions





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