

Registration

To: Cluster Mechatronik & Automation
Management gGmbH
Am Technologiezentrum 5, 86159 Augsburg

Online: www.cluster-ma.de/veranstaltungskalender
via Fax: +49 (0)821/56 97 97-50
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I hereby declare my registration for the Mechatronik Summer School 2019 "Become an Industry 4.0 Expert in Advanced Manufacturing" from 5th to 7th June 2019 in Augsburg.

Conditions of registration:

Registration until 22th May 2019. After receiving your application you will receive a confirmation to the registered e-mail address. The invoice will be sent separately to the registered postal address, in case no other address has been requested. Cancellation before 5th May 2019 is free of charge. For cancellation or nonappearance after the above date the complete costs have to be covered by the participant. If communicated in advance, participation can be transferred to other persons. Errors and omissions excluded. Under the use of terms and conditions ([AGB](#)) of Cluster Mechatronik & Automation Management gGmbH.

Name, first name, title

Company/Institution

Department

Street name, number

Zip-code, City

Phone number

Email

Date

Signature

How to get there



Location

Technologiezentrum Augsburg
Am Technologiezentrum 5
86159 Augsburg

[How to find us](#)

At a glance

Trainers	Patrick Zimmerman, M.Sc., Fraunhofer IGCV, Andreas Jugenheimer, M.Sc., Fraunhofer IPA, Dr.-Ing. Bernd Spiegelberger, ITQ GmbH, Markus Widmann, Soffico GmbH (pending)
Location	TZA Augsburg
Language	English
Date	5 th to 7 th June 2019
Target group	Second leader generation, heads of department, project manager
Max. participants	15
Registration until	22 th May 2019

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mechatronik
& automation



Mechatronik Summer School 2019

"Become an Industry 4.0 Expert
in Advanced Manufacturing"

**5th to 7th June 2019
in Augsburg**

Invitation



Heiko Bartschat
Managing Director
Cluster Mechatronik & Automation

Dear ladies and gentlemen,

manufacturing methods and new technologies are merging. The simple factory becomes an intelligent factory – world wide activities of companies are focusing on that goal.

This change brings with it both - technological challenges and new business management issues. Human-machine cooperation, digital twin and 3D printing, for example, will be standard processes in the manufacturing process in the future.

But this will also change industrial work, triggering changes in strategy, organization and HR.

Against this background, the Mechatronics & Automation Management Cluster in cooperation with the Fraunhofer Institute for Foundry, Composite and Processing Technology IGCV are organizing a Mechatronic Summer School on the subject of "Fundamentals of Advanced Manufacturing".

With this Mechatronic Summer School we offer you to become an Industry 4.0 Expert in Advanced Manufacturing by improving your technology skills, by getting new input on "Industry 4.0", digitalization, intelligent factory through self-organisation and networking.

At the event, the technological basics of industry 4.0, the challenges for business models, organizational structures and personnel management will be developed and discussed.

The training method contains international business and know-how exchange, theoretical input and learning-by-doing sessions as well as factory tours – as "seeing is believing".

Join the event, where last year companies from Japan, Germany, Austria, Oman, Poland, Italy and Peru were participating!

We would be very pleased to welcome you in Augsburg!

Yours sincerely,

Program

Day 1 – Seminar		5 th June
08:30	Registration and coffee	
09:00	Inauguration	
10:00	coffee break	
10:30	Workshop by all participants: "How to create and set up the factory of the future" Dr.-Ing. Bernd Spiegelberger, ITQ	
12:00	Lunch break	
13:00	"From Automation 3.0 to Smart Factory by using new technologies" Patrick Zimmermann, M.Sc., Fraunhofer IGCV (human-machine cooperation, digital twin and 3D printing, networking and data modelling for Industrial Internet of Things (IoT))	

Evening Activity

from 18:00 *Beer garden, dinner and social networking*

Day 2 – Hands-on Trainings in technical implementation		6 th June
8:30	Workshops held by Fraunhofer IPA, Bayreuth and Soffico GmbH	
9:00	Coffee	
9:15	Module I – optimizing production by LEAN	
10:45	coffee break	
11:15	Module II – optimizing production by digitalization	
13:00	lunch break	
14:00	Module III - optimizing production by additive manufacturing	

Day 2		6 th June
15:30	coffee break	
16:00	Data management in context of Industry 4.0, Markus Widmann, Soffico GmbH (pending)	
17:00	Conclusion	

Evening Activity

from 19:00 *Fire Place talk*
"Human Resources Management 4.0"

Day 3 – Factory-tours		7 th June
08:30	Meet-up and transfer	
09:00	Visit of HOSOKAWA Alpine (www.hosokawa-alpine.de) Discussion	
10:30	coffee break/transfer	
10:45	Visit of learning factory for networked production/Fraunhofer IGCV (www.lvp-bayern.de) Discussion	
13:00	lunch break/transfer	
14:30	Visit of KUKA AG (www.kuka.com) Discussion	
16:00	Wrap-up and closing	
16:30	End of the event	

Participation fee*

Regular	1.490,- Euro
Cluster membership	1.250,- Euro

* Participation fee applies per person, excl. tax., incl. documents, papers and catering. A quota of hotel rooms has been reserved and can be booked at own expense.