

# MAPEX

Established in 2014 as the governance form of the high-profile area Materials Science and Production Engineering MAPEX has the aim to:

- build up and maintain a network of competencies in the fields of materials science, materials technology, and materials processing;
- increase the visibility of the MAPEX Research Landscape;
- apply for and participate in third-party funding programmes;
- promote cooperative research activities of early career researchers;
- support an interdisciplinary doctoral education;
- cooperatively acquire and share scientific equipment,
- offer our scientists a diverse and family-friendly environment with equal opportunity, quality assurance, and data handling policies at the highest international standards.

# WORKSHOP

This workshop is dedicated to early career researchers (PhD and MSc candidates, postdocs) from the University of Bremen and surrounding institutions looking for career opportunities beyond academia. Don't hesitate to register if you want to ...

- meet alumni of the University of Bremen now working in industry;
- get in touch with scientists and industry partners working on cooperation projects;
- know how to protect your inventions and apply for a patent;
- know how to become a patent attorney as a scientist;
- meet other early career researchers from the field of materials science,
- get to know Tim Stauch, newly appointed Professor for Theoretical Chemistry.

During the 9th MAPEX Early Career Researcher workshop you will have the chance to ...

- get in touch with peers, build up your own network of experts;
- learn from others, think outside the box;
- open doors to other experts – become aware of the huge potential for mutual support that you can access on the short way;
- develop ideas for cooperative research projects.



**MAPEX Bremen**

Material. Process. Excellence.

**9<sup>th</sup> Early Career Researcher Workshop**

## PROGRAMME

**5 November 2019**

**TAB building (entrance F)**

**SCIENCE  
MEETS  
INDUSTRY**

cooperation projects  
and career path  
in(to) the industry



**MAPEX**

Materials Methods Technologies

**Early Career Researcher  
Workshop**

# PROGRAMME

9:30 registration

## session 1

9:45 **Welcome note**

Lucio Colombi Ciacchi, *MAPEX, FB4*  
Hanna Lührs, *MAPEX*

10:00 **A case of non-linear career path**

Laura Treccani  
*C.S.M.T., Technological Center  
Brescia-Italy*

10:30 **New Space - Space Engineering at a German SME**

Nils Hildebrand  
*AST Advanced Space Technologies GmbH  
Osterholz-Scharmbeck*

discussion & coffee 11:00-11:30

## session 2

11:30 **Actual approaches to simulation of heat treatment**

Matthias Steinbacher  
*Leibniz-Institut für Werkstofforientierte  
Technologien IWT*  
and  
Karl-Michael Winter  
*UNITED PROCESS CONTROLS GmbH*

12:00 **Which tools of your PhD studies can be helpful for a career as production manager?**

Henrike Großmann  
*Mercedes-Benz AG, Bremen*

12:30 **From sciences to inventions - how to become a Patent Attorney**

Gerd Kunert  
*Boehmert & Boehmert,  
intellectual property law firm*

discussion & lunch 13:00-14:30

lunch will be served

## session 3

14:30 **Development of an innovative scoliosis corset including a new manufacturing process**

Lena Kölsch  
*Faserinstitut Bremen e.V.*  
and  
Björn Strehl  
*Strehl GmbH & Co. KG*

15:00 **Holography vs. special machine construction - from application to theory and back**

Colin Dankwart  
*affiliation*

discussion & coffee 15:30-16:00

## plenary lecture

16:00 **Modeling Molecules Far Away From Equilibrium**

Tim Stauch  
*Theoretical Chemistry, Faculty 02  
University of Bremen*

discussion & coffee 17:00-17:30

18:00 **mini golf and dinner**

(dinner at your own expense)  
Zum Plätzhirsch, Kuhgrabenweg 30



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## more information

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## registration

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