

Forster Summer School 2018

Global Change – Technological, Societal and Ecological Transitions on the Move



General Information

The Faculty of Chemistry, Pharmaceutical Sciences and Geosciences is organizing an international and interdisciplinary Summer School entitled “**Global Change – Technological, Societal and Ecological Transitions on the Move**”. The term “*Global Change*” is understood to mean all processes and dynamics which are transforming the environmental systems of the earth and the social systems of humans. This includes all processes of globalization and transformation through political, economic, ecological and technical developments.

In the 21st century the dynamics of “*Global Change*” are intensifying and becoming more potent. They can only be controlled to a limited extent by social organizations and conventional institutions. Human activities in the world have risen to a pitch at which both nature and human society are being constantly modified and recreated. The increasing digitalization of everyday life is not only transforming interpersonal communication, it is also creating a new social world. Time-space compression is apparently constructing a global society, but on the regional level, local identities are developing with different ways of living and thinking. The events and impact of “*Global Change*” can be seen in transformations of nature (landscapes, water bodies, the atmosphere) and the changing of the social, economic, and political world.

The Forster Summer School offers you the great chance to discuss actual issues regarding the technological, societal and ecological transitions of **Global Change** with keynote speakers, lecturers, and your peers from around the world. The working language is English.

Date

The Summer School will be held from September 03rd to 09th in Mainz (Germany).

Course Schedule

Monday 03rd September 2018		Individual Arrival and Registration
Tuesday 04th September 2018		Media Revolution – Framing & Introduction
9.00 am – 9.30 am	Official welcome	Mayor of the City of Mainz President of Johannes Gutenberg-University Mainz
9.30 am – 10.15 am	Lecture	<i>From Gutenberg to the Digital Revolution</i> Prof. Dr. Oliver Quiring (JGU Mainz)
10.15 am – 11.00 am	Lecture	<i>Digital Evolution – How Digitized Economy Changes Our Lives</i> Martin Eder (FH Vienna)
11.00 am – 11.30 am	Coffee break	
11.30 am – 12.30 pm	Lecture	<i>The Future of Science: From Opening Up to Automation</i> Dr. Ijad Madisch (Founder and CEO of ResearchGate, Berlin)
12.30 pm – 2.00 pm	Lunch	Restaurant <i>Baron</i>
2.00 pm – 4.00 pm	Discussion	Prof. Dr. Sebastian Seiffert (Host, JGU Mainz) Prof. Dr. Oliver Quiring (JGU Mainz) Martin Eder (FH Vienna)
4.30 pm – 5.30 pm	Fringe event	Visiting the <i>Gutenberg-Museum</i>
6.00 pm	Dinner	Restaurant <i>Haus des Deutschen Weines</i>
Wednesday 05th September 2018		Challenges of Rising Energy Demand

9.00 am – 10.00 am	Personal presentation of the participants	
10.00 am – 10.30 am	Lecture	<i>Energy Transitions – National and International Perspectives</i> Prof. Dr. Martin Pudlik (TH Bingen)
10.30 am – 11.00 am	Discussion	
11.00 am – 11.30 am	Coffee break	
11.30 am – 12.00 pm	Media presentation	Commercial for a cruise ship company
12.00 pm – 12.30 pm	Practical exercises	<i>Cruise Ship Tourism – Curse or Blessing?</i> Prof. Dr. Anton Escher (JGU Mainz)
12.30 pm – 2.00 pm	Lunch	Restaurant <i>Baron</i>
2.00 pm – 2.30 pm	Lecture	<i>Safety for 1 Million Years! The Scientific Challenge of Radioactive Waste Disposal</i> Prof. Dr. Horst Geckeis (KIT Karlsruhe)
2.30 pm – 3.00 pm	Discussion	
3.00 pm – 3.30 pm	Coffee break	
3.30 pm – 4.00 pm	Media Presentation	
4.00 pm – 4.45 pm	Pro-Con-Debate	
5.00 pm – 7.00 pm	Fringe event	Visit to the nuclear reactor <i>TRIGA Mainz</i>
7.00 pm	Dinner	Campus running dinner
Thursday 06th September 2018		Migration and Migration
9.00 am – 10.00 am	Personal presentation of the participants	
10.00 am – 10.30 am	Lecture	<i>Antibiotic Production and Antibiotic Resistance: A Vicious Cycle</i> Prof. Dr. Ulrike Holzgrabe (JMU Würzburg)
10.30 am – 11.00 am	Discussion	
11.00 am – 11.30 am	Coffee break	
11.30 am – 12.30 pm	Documentation/Quiz	Movie “ <i>Resistance</i> ”
12.30 pm – 2.00 pm	Lunch	Restaurant <i>Baron</i>
2.00 pm – 2.30 pm	Lecture	<i>World On The Move – Transformation of Migration Dynamics</i> Prof. Dr. Veronika Cummings (JGU Mainz)
2.30 pm – 3.00 pm	Discussion	
3.00 pm – 3.30 pm	Coffee break	
3.30 pm – 4.30 pm	Practical exercises	
4.30 pm – 5.00 pm	Self-lectureship	
6.00 pm	Fringe event	City walk organized by <i>Geographie für Alle e.V.</i>
Friday 07th September 2018		Coupling of the Discussed Issues
9.00 am – 2.00pm	Teamwork	Processing the work assignments
2.00 pm – 3.30 pm	Presentation of results	
3.30 pm - 4.00 pm	Coffee break	
4.00 pm – 5.30 pm	Panel discussion	Dr. Klemens Seelos (JGU Mainz) Prof. Dr. Christof Mandry (Goethe-University Frankfurt) Dr. Achim Brunnengräber (FU Berlin)
6.00 pm	Fringe event	Trip through the vineyards of Rhine-Hesse
Saturday 08th September 2018		Excursion
9.30 am – 2.00 pm		Visit at the company <i>Juwi</i> in Wörrstadt
2.00 pm – 5.00 pm		Visit at a geothermal power plant in Insheim
Sunday 09th September 2018		Individual Departure

Application Procedure

The Forster Summer School is open to bachelor and master students on a first-come, first-served basis and will be closed when the number of applicants reaches 30. Applications must be submitted by

Wednesday 20th June 2018.

A confirmation, the complete course schedule and a welcome booklet will be sent by email until **Monday 2nd July 2018**. To apply to the Forster Summer School please fill out the required fields completely. When you submit this application you should get an email from us. Please follow the instructions outlined in the email. If you do not receive an email, please check your spam folder.

We can offer you two packages:

PACKAGE I (399.00 Euro) includes ...

- Participation fees
- Course materials
- Entrance fees
- Accommodation costs
- Weekly ticket for public transportation
- Daily lunch

PACKAGE II (99.00 Euro) includes ...

- Participation fees
- Course materials
- Entrance fees

Terms and Conditions

All accepted participants are required to pay the full fees before **Wednesday 20th June**, otherwise we cannot guarantee your enrollment. They will receive an email with the payment information and have to transfer the amount of the chosen package to the given account and enter the name on the form under the heading "Purpose of payment".

Cancellation

If someone cannot attend the Forster Summer School for any reason, it must be submitted a withdrawal notice (medical certificate or other confirmation) via email, fax or post.

Credits and Transcript

After active participation in all courses the participants will receive a transcript confirming the successful completion on the course. In addition, one can get 2 ECTS credits. Whether the credits will be acknowledged towards the final degree will depend on the home university.

For further information or if you have any questions please do not hesitate to contact the organizing team.

Contact

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Find out more and visit our website: <https://www.fb09.uni-mainz.de/forster-summer-school/>