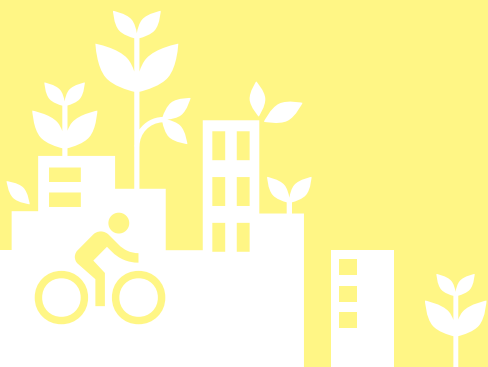


let's talk about _____ global change

forster summer school explores
_____ urban climate



21 july _____
4 august 2023
mainz
germany

content

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welcome!

PROF. DR. EVA RENTSCHLER

*Dean of Faculty 09 | Chemistry,
Pharmaceutical Sciences,
Geography and Geosciences*



DR. SANDRA SCHELLACK

*Faculty 09 | Dean's Office
International Coordination &
Counseling*



Dear participants of the Forster Summer School 2023, ...

... on behalf of the entire Faculty 09 | Chemistry, Pharmaceutical Sciences, Geography and Geosciences, I would like to welcome you to the Forster Summer School 2023. With the Forster Summer School and its overarching motto »Let's talk about global change«, we would like to make a continuous contribution to enabling young people to develop a multi-perspective approach, both professionally and culturally, to empower them to actively accompany and influence the necessary global change.

We are very pleased about your numerous interest and participation, which is the basis for common rewarding development. I wish you an interesting, stimulating, and exciting time with many fruitful discussions and new valuable contacts.

Prof. Dr. Eva Rentschler

... on behalf of the organizing team, we are delighted that you are joining us from all corners of the earth to explore Urban Climate. Adaption, development and sustainable transformation.

We are looking forward to a critically-reflective examination of the topic, focusing in particular on aspects of adaptation, vegetation development, human-air relations, green and smart city designs, in order to consider sustainable transformations as well as to generate approaches for action within interdisciplinary and international working teams.

The coming days will certainly be an exciting and interesting time for all of us. Our thanks go to all those involved in supporting and making this project possible. In particular, we would like to thank the Dres.-Göbel Climate Foundation, which is sponsoring the Forster Summer School 2023.

Besides the lectures, expert dialogues and practical exercises, we wish you a pleasant stay in Mainz - take your time to discover the city, cultural events and the beautiful surrounding area of Rhine-Hesse.

Dr. Sandra Schellack

welcome to JGU

Ready to explore the campus and get an overview?

Come along and take a look at the **CAMPUS MAP**
or start the **VIRTUAL TOUR.**



little quiz:

- Can you find the place where the German language workshop took place?
- Where is the Zentralmensa (Cafeteria)?
- Where takes place the official opening event and lectures?

KEY FACTS: JGU and research

- One of the **largest and most diverse** universities in Germany.
- Approximately **30,000 students** from over **120 nations**.
- Almost all academic disciplines united **under one roof**.
- About **4,600 academics**.
- About **580 professors**, teach and conduct research in over **100 institutes and clinics**.
- Nearly all of the institutions of JGU are located on **one single campus**.
- World-wide recognition as a **research-driven** University
- Home to **5 partner institutes**:
 - *the Max Planck Institute for Chemistry (MPI-C),*
 - *the Max Planck Institute for Polymer Research (MPI-P),*
 - *the Helmholtz Institute Mainz (HIM),*
 - *the Institute of Biotechnology and Drug Research (IBWF), and*
 - *the Institute of Molecular Biology (IMB)*

Explore The Gutenberg Spirit:

- Moving Minds - Crossing Boundaries



faculty 09 – introduction



- Johannes Gutenberg University Mainz has a total of **10 faculties**.
- The Faculty 09 | Chemistry, Pharmaceutical Sciences, Geography and Geosciences belongs to one of the larger faculties of the university with about **3.000 students** and about **600 employees**.
- The orientation of the faculty **combines natural sciences with social sciences**.
- **The faculty 09 includes:**
 - *the Department of Chemistry,*
 - *the Institute of Pharmaceutical and Biomedical Sciences (IPBW),*
 - *the Institute of Geography and*
 - *the Institute of Geosciences.*
- In addition to the institutes the Faculty 09 contains the Dean's Office including the student advising offices, the examination office for doctoral degrees and various projects and programs, such as the **you@nullneun project**, a teaching lab for students, the **Ada Lovelace Project (ALP)**, the **Ada Lovelace Talent Development** or the **Meet Female Scientists Project (MFS)**.
- The Faculty 09 **offers English study programs** for degree seeking students, traineeship opportunities offered by the respective working groups and doctoral opportunities related to the subjects.
Have a look at our **Master's programs taught in English:**



In total you have the choice of 18 study programs at the Faculty 09:



CHEMISTRY

- Bachelor of Science
- Bachelor of Education
- Master of Science:
 - »Chemistry« *
- Master of Science:
 - »Soft Matter and materials« (M.Sc.) **
- Master of Education

BIOMEDICAL CHEMISTRY

- Bachelor of Science
- Master of Science*

MOLECULAR BIOTECHNOLOGY

- Bachelor of Science



PHARMACEUTICAL SCIENCES

- State Examination



GEOGRAPHY

- Bachelor of Science
- Bachelor of Education
- Master of Science
- Master of Education
- Master of Arts:
 - »Human Geography: Globalisation, Media and Culture« **
- Double Degree:
 - B. Ed. / M. Ed.
 - Mainz / Dijon-France



GEOSCIENCES

- Bachelor of Science
- Master of Science

* Most courses taught in English; elective courses / programs taught in German
 ** english-language study program

introduction and goals

Let's talk about global change!

→ The Forster Summer School is hosted annually by the Faculty of Chemistry, Pharmaceutical Sciences, Geography and Geosciences at the Johannes Gutenberg University Mainz.

→ Georg Forster, the namesake of our summer school, was a revolutionary naturalist and world explorer, whose curiosity and global thinking, is the inspiration for our summer school. From 1788 Georg Forster was librarian at the University of Mainz.

Let's explore urban climate!

→ Each year, scientists from this fields take a closer look at a specific topic from the field of global change and explore various future-based perspectives.

→ The Forster Summer School 2023 is dedicated to scientific findings and controversies on urban climate, the influence of vegetation, changing human-air relations as well as green and smart city designs.

→ We will discuss possible approaches for long-term and sustainable improvement of the urban climate and identify opportunities for action – on a regional, global and international level.



georg forster 1754 - 1794



georg-forster-building campus JGU



impressions of the last forster summer school



program overview + highlights

DAY							
fri, 21 july	sat, 22 july	sun, 23 july	mon, 24 july	tue, 25 july	wed, 26 july	thu, 27 july	fri, 28 july
TOPIC							
arrival and getting to know each other	language + cultural experience	build a team and explore the region	CLIMATE CHANGE AND URBAN CLIMATE				
			opening	impacts on cities and plants	roof/ facade greening	breathability	urban trees





DAY						
sat, 29 july	sun, 30 july	mon, 31 july	tue, 1 august	wed, 2 august	thu, 3 august	fri, 4 august
TOPIC						
summer leisure activities	individual explorations	urban design + transformation	climate adaption projects in mainz	climate protection management	key findings of urban climate	individual departure



program details

→ saturday, 22 july

language and cultural experience

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 13:00	LANGUAGE WORKSHOP	Survival-Kit for the stay (<i>beginners</i>) Everyday conversation skills (<i>intermediate</i>) → <i>Dr. Sandra Schellack</i> → <i>Miriam Smid</i>	Chemistry building (2121), Campus JGU
13:00 – 14:00	LUNCH BREAK	Self-organised	City center, Mainz
15:00 – 17:00	GUIDED TOUR	Mainz highlights → <i>Guide »Geographie für Alle«</i>	City center, Mainz
	FREE TIME		City center, Mainz
19:00	DINNER	»Weinhaus Lösch« (at your own cost)	City center, Mainz





→ sunday, 23 july

build a team and explore the region

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
08:40 – 10:22	TRANSFER		
10:30 – 13:00	CULTURAL VISIT	Rafting Tour – UNESCO World Heritage Upper Middle Rhine Valley	Assmanshausen to Kaub
13:00 – 14:30	LUNCH BREAK	»Biergarten am Pegelhaus« (at your own cost)	Kaub
14:30 – 16:30	VISIT (OPTIONAL)	Locations at the rhine / castles	Kaub
16:00	LECTURE (OPTIONAL)	KLIMAKademie – Public lecture (<i>in German</i>): » <u>Menschheitsproblem Klimawandel – wissen- schaftliche Grundlagen und die Dringlichkeit zu handeln</u> « (<i>Anthropogenic climate change – the basic science and the urgency to act now</i>) → Univ.-Prof. Dr. Wirth, <i>Institute for Atmospheric Physics, JGU</i>	Institute of Molecular Biology, Lecture hall, Campus JGU
FREE EVENING			



program details

→ **monday, 24 july**

opening: climate change and urban climate

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 10:00	OFFICIAL WELCOME	Opening words → <i>Dean of the Faculty 09, JGU</i> → <i>Head of International Office, JGU</i>	Naturwissenschaftliche Fakultät (NatFak), Room 07-232, Campus JGU
10:00 – 10:45	PRESENTATION AND EXCHANGE OF IDEAS	Opening-Pitches on content interests, motivation and goal setting → <i>Students</i> → <i>Prof. Dr. Efferth, Institute of Pharmaceutical and Biomedical Sciences, JGU</i> → <i>Dr. Seelos, Institute of Geosciences, JGU</i> → <i>Prof. Dr. Seiffert, Department of Chemistry, JGU</i>	NatFak, Room 07-232, Campus JGU
10:45 – 11:00	COFFEE BREAK		Campus JGU
11:00 – 12:30	LECTURE AND DISCUSSION	»Planetary Emergency: How we got in ... and how to get out.« → <i>Prof. Dr. Seiffert, Department of Chemistry, JGU</i>	NatFak, Room 07-232, Campus JGU
12:30 – 14:00	LUNCH BREAK	»Baron«	Campus JGU

14:00 – 16:00	PHOTO PROJECT – GROUP FORMATION	Experiences of urban climate change from my city of origin / my study city → <i>Students</i>	NatFak, Room 07-232, Campus JGU
16:00 – 18:00	CAMPUS TOUR AND PHOTO SHOOTING	→ <i>Assistant students</i> → <i>Photographer</i>	Campus JGU
FREE EVENING			

→ **tuesday, 25 july**

impacts of climate change on cities and plants

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 11:00	LECTURE AND DISCUSSION	»Impacts of climate change in outdoor spaces and on urban pedestrians« → <i>Prof. Dr. Bruse, Institute of Geography, JGU</i>	NatFak, Room 07-232, Campus JGU
12:00 – 14:00	LUNCH BREAK	Zentralmensa (Cafeteria)	Campus JGU
14:00 – 17:00	LECTURE AND DISCUSSION → INCLUDING COFFEE BREAK	»Influence of climate change in medical plants« → <i>Prof. Dr. Efferth, Institute of Pharmaceutical and Biomedical Sciences, JGU</i>	NatFak, Room 07-232, Campus JGU
FREE EVENING			

program details



→ wednesday, 26 july roof / facade greening

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
9:30 – 12:00	LECTURES AND DISCUSSION	<p>»<u>Green roofs as a climate change adaption measure</u>« → <i>Prof. Dr. Panferov, Life Sciences and Engineering, Bingen Technical University of Applied Sciences</i></p> <p>»<u>Dust trapping capacity of specially selected plants</u>« → <i>Dr. Seelos, Institute of Geosciences, JGU</i></p>	NatFak, Room 07-232, Campus JGU
12:00 – 14:00	LUNCH BREAK	»Bali Bistro«	Campus JGU
14:00 – 16:00	HANDS-ON	<p>»<u>Wind tunnel experiments of specially selected plants and evaluation by digital microscope</u>« → <i>Dr. Seelos, Institute of Geosciences, JGU</i></p>	Roof of NatFak, Campus JGU
18:00	DINNER	Barbecue	Meadow in front of NatFak

→ thursday, 27 july

breathability

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 12:00	LECTURE AND WORKSHOP	»Something in the air: Urban breathability and the rise of air quality technologies« → <i>Dr. Jacobsen, Institute of Geography, JGU</i>	NatFak, Room 07-232, Campus JGU
12:00 – 13:30	LUNCH BREAK	KHG Mainz	Campus JGU
	FREE TIME		
18:30	DINNER	»Weyers Erntehof« (at your own cost)	Mainz-Bretzenheim



program details

→ friday, 28 july urban trees

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
9:30 – 11:30	LECTURE AND SCIENTIFIC VISIT	» <u>The Future of Urban Trees: Dendroecology of Plane and Maple Trees</u> « → <i>Ph. D Student Kuhl, Institute of Geography, JGU</i>	NatFak, Room 07-232, Campus JGU
12:00 – 13:30	LUNCH BREAK	»Diwan«	Campus JGU
14:00 – 16:00	WORKSHOP	» <u>Trees and climate – Comparative damage and tolerance analyses of urban tree species in different regions of Germany</u> «	Grüne Schule, Botanical garden, Campus JGU
18:00 – 20:00	CULTURAL TOUR	Vineyard tour	Oppenheim





→ saturday, 29 july

summer leisure activities

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
9:30 – 14:00	PRACTICAL LANGUAGE EXERCISES	Everyday conversation in German – Market shopping in the city	NatFak, Room 07-232, Campus JGU and City center
14:00 – 15:00	LUNCH BREAK	Picnic on the banks of the Rhine River	City center
	FREE TIME		
18:00	INTERNATIONAL EVENING	Specialties from all over the world and seasonal prepared products (at your own cost)	House of youth, Mainz City center

→ sunday, 30 july

individual explorations

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
	FREE TIME	Explore Mainz or its beautiful surroundings on your own.	Gutenberg Museum, Cathedral (Dom), St. Stephan ...
19:30	CONCERT (OPTIONAL)	Concert at Mainz School of Music – Piano Improvisation → <i>Mainz School of Music</i>	Campus JGU, Roter Saal

program details

→ **monday, 31 july**

urban design and transformation

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
9:30 – 11:00	LECTURE AND DISCUSSION	Keynote: »The sponge city principle with a focus on the BoRSIS research project« → <i>Ph.D. Student Walther, Hochschule Ruhr West, University of Applied Sciences</i>	NatFak, Room 07-232, Campus JGU
11:30 – 13:00	LECTURE AND DISCUSSION	Keynote: »Urban by nature: designing sustainable urban spaces« → <i>Prof. Dr.-Ing. Dieterle, Frankfurt University of Applied Sciences</i>	NatFak, Room 07-232, Campus JGU
13:00 – 14:30	LUNCH BREAK	»Baron«	Campus JGU
15:00 – 16:30	PRESENTATION AND DISCUSSION	»Climate protection and climate adaption projects in the city of Mainz« → <i>Johanna Schlosser, Environmental Office, City of Mainz</i>	NatFak, Room 07-232, Campus JGU
17:00	GUIDED TOUR	Sustainable city tour → <i>Students For Future Mainz</i>	City center, Mainz
	FREE EVENING		



→ tuesday, 1 august

climate adaption projects in mainz

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 12:00	INTRODUCTION AND BASICS	Mapping project on campus in cooperation with LBB	NatFak, Room 07-232, Campus JGU
12:00 – 13:30	LUNCH BREAK	Zentralmensa (Cafeteria)	Campus JGU
13:30 – 16:00	HANDS-ON	Mapping project on campus in cooperation with LBB	Campus JGU
16:00 – 16:30	COFFEE BREAK		NatFak, Room 07-232, Campus JGU
16:30 – 17:30	PRESENTATION	Result of the mapping project	NatFak, Room 07-232, Campus JGU
FREE EVENING			



program details

→ wednesday, 2 august climate protection management

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:00 – 13:00	VISIT OF REGIONAL PROJECT	Transfer to Worms, Climate protection projects Heat Walk through the city	Worms
13:00 – 14:15	LUNCH BREAK	Snacks (at your own cost)	City center, Worms
14:30 – 16:30	GROUP WORK	Climate protection projects in Worms: Citizen Survey – Exterior Design	Worms
16:30 – 17:30	PRESENTATION	Results of the group work	Worms
FREE EVENING			



→ thursday, 3 august

key findings of urban climate

TIME	OVERVIEW	DESCRIPTION + SPEAKER	LOCATION
09:30 – 11:30	PHOTO PROJECT – GROUP WORK	Impressive pictures – Experiences of urban climate changes from my city of origin / my study city and Rhineland-Palatinate cities. Adaption, development, sustainable transformation.	NatFak, Room 07-232, Campus JGU
12:00 – 13:30	LUNCH BREAK	Zentralmensa (Cafeteria)	Campus JGU
14:00 – 17:00	WRAP-UP SESSION PRESENTATION GROUP WORK	Experiences of urban climate changes. My city of origin / my study city – Rhineland-Palatinate cities. → <i>Moderation: Prof. Dr.-Ing. Dieterle, Frankfurt University of Applied Sciences</i>	NatFak, Room 07-232, Campus JGU
18:00	FAREWELL DINNER	Barbecue (at your own cost)	Meadow in front of NatFak

→ friday, 4 august

individual departure



bye
bye!



speaker highlights

Univ.-Prof. Dr. Volkmar Wirth



- Professor for Dynamical Meteorology
- Institute for Atmospheric Physics, JGU Mainz

Expert for Meteorological Fundamentals of Climate Change

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»Anthropogenic climate change is one of the big problems for humanity. My talk starts with a summary of what is well known about the greenhouse effect. Thereafter I will discuss results from more recent research which have implications that go far beyond the discipline of meteorology. Some of this recent insight is relevant for how we deal with the climate crisis.«

PUBLIC LECTURE *:

»Anthropogenic climate change – the basic science and the urgency to act now«

23rd of July, 4 p.m.

*Institute of Molecular Biology,
Lecture hall, Campus JGU*

**Optional Public Lecture in German in cooperation with KLIMAKademie*

Learn more



THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»Climate Change. Climate Crisis. Climate Catastrophe. How shall we name what we (are about to) experience at increasing pace? I prefer to call it Planetary Emergency. This lecture explores what is meant by this. And how we may overcome it.«

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»The majority of people live in urban areas. In face of ongoing global climate change, these already hot areas will become even hotter. On the other hand, using the outdoor space and design walkable cities belong to the main targets of urban sustainability. In this talk we will look at the impacts of increasingly hot summer in urban areas and the impact on the thermal comfort of pedestrians.«



Prof. Dr. Sebastian Seiffert

- Professor for Physical Chemistry of Polymers
 - Department of Chemistry, JGU Mainz
- Polymer Physicochemist, Climate Activist*

MAIN RESEARCH FIELDS:

Polymer Materials (structure, dynamics, properties), polymers for cycling economy, for climate change adaption, for future

LECTURE: »*Planetary Emergency: How we got in ... and how to get out.*«
24rd of July, 11 a.m.

Learn more



Univ.-Prof. Dr. Michael Bruse

- Professor for Geoinformatics, Environmental Modelling Group (EMG), Institute of Geography, JGU Mainz
- Company Founder and Developer of the Micro-Climate model ENVI-met

Expert for Geoinformatics and Climatology, design of simulation models, sustainable urban planning.

LECTURE: »*Impacts of climate change in outdoor spaces and on urban pedestrians*«
25th July, 09:30 a.m.

Learn more



speaker highlights

Univ.-Prof. Dr. Thomas Efferth



- Professor for Pharmaceutical Biology, Director of IPBW
- Institute of Pharmaceutical and Biomedical Sciences (IPBW), JGU Mainz

Expert for Pharmacology and Toxicology of cancer and viral infections, network pharmacology, COVID-19, analyses of Chinese medicine (TCM)

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»According to the World Health Organization (WHO), up to 80 % of the populations in low-and-middle-income countries depend on medicinal plants from traditional medicine systems for primary health care. Increased environmental stress by increasing temperatures do not only affect the biomass production of medicinal plants but also alter their contents of pharmacologically active phytochemicals. We introduce several aspects of quantitative and qualitative changes in medicinal plants and discuss actions for plant conservation as well as sustainable cultivation and commercialization of medicinal plants.«

LECTURE: »*Influence of climate change in medical plants*«
25th July, 2 p.m.

learn more



THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»We present an efficient system of semi-intensive green roof irrigated using the rainwater, pumped with solar energy. The environmental and microclimatic effects are presented as well: cooling, stormwater retention, fine dust binding capacity, biodiversity, and the fluxes of greenhouse gases.«

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»Vegetation-covered roofs and facades of city buildings look wonderful. Additionally, they fulfill essential functions as dust filters. Analyses on plants in field- and laboratory experiments show that the filtering effects of plants primarily depend on the concrete morphology of their leaves. In my lecture, I will present you the results of this scientific work.«



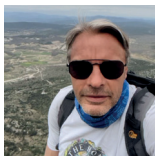
Prof. Dr. Oleg Panferov

- Professor of Climatology, Climate Protection
- Technical University of Applied Sciences Bingen

Expert for Climate Change and Climate Protection with focus on climate adaptation, green roofs and GHG emissions from agricultural soils

LECTURE: »Green roofs as a climate change adaptation measure«
26th of July, 09:30 a.m.

Learn more



Dr. Klemens Seelos

- Geologist, Study Advisor
- Institute of Geosciences, JGU Mainz

Expert for numerical particle analysis and event detection – reconstruction of dust events

LECTURE: »Dust trapping capacity of specially selected plants«
26th of July, 09:30 a.m.

HANDS-ON WORKSHOP: »Wind tunnel experiments of specially selected plants and evaluation by digital microscope«, 26th of July, 2 p.m.

Learn more



speaker highlights



Dr. Malve Jacobsen

- Cultural Geography
- Institute of Geography, JGU Mainz

Lecturer in Human Geography and researcher on air technologies and infrastructures, urban mobilities and the politics of planning.

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»Globally, breathing clean air has become difficult, and healthy air is increasingly unequally distributed. At the same time, devices to monitor air quality and to purify the air are developed. These technologies lead to new negotiations of urban breathability and livability.«

LECTURE:

*»Something in the air: Urban breathability and the rise of air quality technologies«
27th of July, 09:30 a.m.*

Learn more



THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»In my lecture, I will address the topic of the sponge city concept, which showcases initial adaptation measures to the consequences of climate change in the urban environment. Together, we will dive into the specifics of the sponge city concept, into blue-green infrastructure, and also into the cornerstones of water-sensitive cities. Additionally, I will present my research project on a soil-pipe system, which will hopefully soon serve as a new practical addition to the blue-green infrastructures.«

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»In this lecture you will learn about the research field dendroclimatology and urban trees. We will dive into research methods and approaches how to assess the growth behaviors of plane and maple trees in the context of global warming. This lecture includes an excursion to our tree-ring lab and to one of our dendrometer devices next to the campus.«



Ph. D. Student Henrike Walther

→ Institute of Civil Engineering, Hochschule Ruhr-West,
University of Applied Sciences

*Research Assistant in Urban Water Management,
Hydrology and Hydraulic Engineering*

RESEARCH TOPICS: System development to complement water-sensitive cities under water management (blue) and tree ecology (green) aspects, with a focus on soil-pipe systems.

LECTURE: »The sponge city principle with a focus on the BoRSIS research project«
31st July, 9:30 a.m.

Learn more



Ph. D. Student Eileen Kuhl

→ Climatology Group, Department of Geography, JGU Mainz

RESEARCH TOPICS: Dendroclimatology, paleoclimate and tree growth variability in urban environments.

LECTURE: »The Future of Urban Trees: Dendroecology of Plane and Maple Trees«
28th July, 9:30 a.m.

Learn more



speaker highlights

Prof. Dr.-Ing. Jan Dieterle

→ Professor for Sustainable Open Space and Urban Design

→ University of Applied Sciences, Frankfurt

Professor, Freelancer and Expert for Landscape Architecture and Urban Design

MAIN RESEARCH FIELDS:

Landscape-oriented urban design in combination with low-tech/low-cost approaches, climate-adapted and water-sensitive concepts for urban landscapes, community-based design of everyday spaces

THAT'S WHAT YOU CAN EXPECT AND LEARN IN MY LECTURE:

»Cities are both the drivers of climate change and at the same time affected by it. Cities are made by people for people. The challenge is to make this habitat livable, healthy and just for all living beings!«

LECTURE: »Urban by nature: designing sustainable urban spaces«
31st July, 11:30 a.m.



vocabulary



RHEINHESSISCH → german → english



EI GUUDE!

→ Hallo! / Guten Tag!
→ Hello! / Good day!



GEMORJE!

→ Guten Morgen!
→ Good morning!



MEENZ

→ Mainz
→ City of Mainz



WECK

→ Brötchen
→ Bun



WORSCHT

→ Wurst
→ Sausage



WOI

→ Wein
→ Wine



SCHOBBE

→ Weinschorle
→ Wine spritzer



DUTT

→ Tüte
→ Bag



**ISCH MACH
WEIDA!**

→ Auf Wiedersehen!
→ Goodbye!

highlights in mainz

→ Contents by © Mainz-Tourismus.com



cathedral



rhine promenade



old city centre



find
out
more

→ Highlights



→ Events



→ History





gutenberg museum

Recommended Highlights in the Rhine-Main Region / Surroundings:

FOR BIKING AND HIKING:

- UNESCO-Welterbe
Oberes Mittelrheintal
- Rhein-Burgen-Weg
- Rheingau
- Taunus

CASTLES:

- Schloss Biebrich, Wiesbaden
- Schloss Herrnsheim, Worms
- Burg Ehrenfels, Rüdesheim
- Burg Rheinstein, Trechtingshausen
- Burg Schönburg, Oberwesel

FOR SHOPPING AND NIGHT LIFE:

- Frankfurt am Main

market breakfast



carnival

my mainz journal

my personal highlight of the forster summer school:



A large circle with a green outline, containing five horizontal dashed yellow lines for writing.

PROGRAM HIGHLIGHTS

EXCURSIONS

ACTIVITIES



my key learning was:

A large, wavy red outline shape for writing.



I would like to learn more about ...

-
-
-
-
-

fun
facts:



my mainz journal

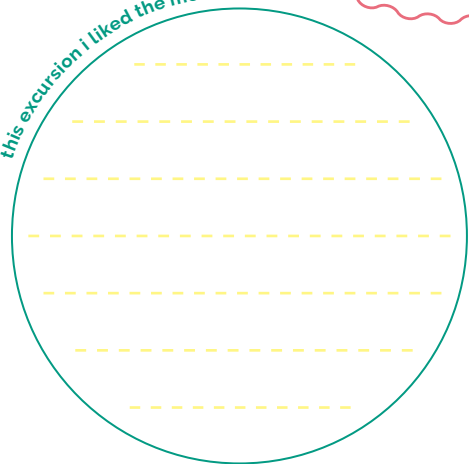


new
friends:



this professor was inspiring to me:

this excursion I liked the most:



emergency contacts

Police:

110

Ambulance:

112

Accommodation:

DON BOSCO YOUTH HOSTEL

Jugendhaus Don Bosco
Am Fort Gonsenheim 54
55112 Mainz

PHONE: +49 61 31-25 36 17 or
+49 61 31-25 36 65

donbosco-hauswirtschaft@bistum-mainz.de
<https://www.bistummainz.de/don-bosco>

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