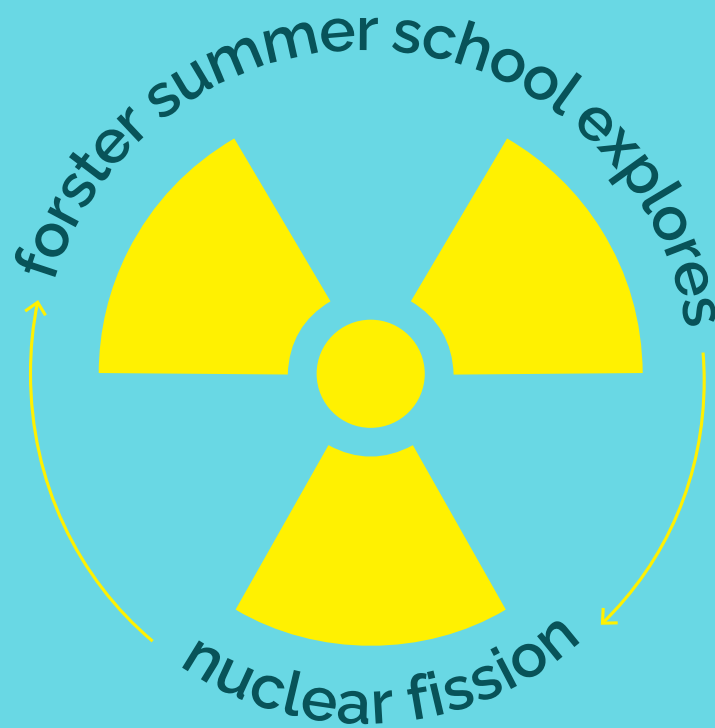


let's talk about _____ global change



22 july — 1 august 2022
mainz, germany



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FB09

Faculty of Chemistry,
Pharmaceutical Sciences,
Geography and Geosciences



Program 22 - 25 July 2022

| Date/Time | Overview | Description | Location/Speaker |
|-------------------------|---|---|---|
| Fri, 22 July | | Arrival | |
| from 12:00 until dinner | Welcome | Registration & reception | Youth Hostel Don Bosco |
| 18:00 | Dinner | | Youth Hostel |
| Sat, 23 July | | Get to know each other & build a team | |
| 09:15 – 13:00 | Language Workshop/ Conversation Course | Beginners: Basic language skills Intermediate: German conversation skills | Dr. Schellack/ Tutor, Chemistry Building (2121), Campus |
| 13:00 – 14:15 | Lunch Break | | |
| 15:00 – 17:30 | City Tour | Explore the city of Mainz in small groups – City & Quest | Mainz City Centre |
| 18:30/19:00 | Dinner | International evening - Specialities | Youth Hostel |
| Sun, 24 July | | Cultural experience | |
| 09:00 – 12:00 | Language Workshop/ Conversation Course | Beginners: Basic language skills Intermediate: German conversation skills | Dr. Schellack/ Tutor, Chemistry Building (2121), Campus |
| 12:00 – 12:40 | Lunch Break | Packed Lunch | |
| 14:30 – 17:00 | Transfer to Kaub Cultural visit | Rafting, Middle Rhine Valley | Kaub |
| 19:00 | Dinner | | |
| Mon, 25 July | | Explore the explorers | |
| | | NatFak (Room 07-232) | |
| 09:30 – 10:00 | Official Welcome | Opening words | Dean of Faculty 09 Head of International Office, JGU |
| 10:00 – 10:45 | Presentations & Exchange of Ideas | Opening-pitches on content, motivation and goal setting | Students and teachers Jun.-Prof. Dr. Brinks Prof. Dr. Efferth Prof. Dr. Reich Dr. Seelos Prof. Dr. Verne |
| 10:45 – 11:00 | Coffee Break | | |
| 11:00 – 12:00 | Presentations & Exchange of Ideas | | |
| 12:15 – 13:30 | Lunch Break | | On Campus |
| 13:30 – 15:00 | Lecture & Discussion | “The discovery of nuclear fission by Otto Hahn and Fritz Straßmann and its interpretation by Lise Meitner and Otto Robert Frisch” | Prof. Dr. Reich |
| 15:00 – 15:30 | Coffee Break | | |
| 15:30 – 17:00 | Small group work | “Who bears responsibility for the impact of the discovery? – Understanding the discoverers positions” | Prof. Dr. Reich |
| 18.00 | Dinner | | Youth Hostel |
| 19:30 | Concert (Optional) | “Fagotto Concertante!” | Hochschule für Musik |

Program 26 - 29 July 2022

| Date/Time | Overview | Description | Location/Speaker |
|---|--|---|--|
| Tue, 26 July | | Discover the University Campus and important locations of Otto Hahn | |
| 10:00 – 11:00 11:00 – 12:00 | Guided tours in small groups | Visit Institute of Geosciences - Scientific collection Campus Tour | Dr. Seelos Mainz University |
| 10:00 – 11:30/ 12:00 | Guided tour in small groups | Visit Max Planck Institute of Chemistry | Hahn-Meitner-Weg 1 |
| 12:15– 13:30 | Lunch Break | Packed Lunclj | |
| 14:00 – 15:00 15:00 – 16:00 16:00 – 18:00 | Guided Tour (2 groups) City Tour (individual) | Institute for Urban History: Estate of Otto Hahn | Frankfurt am Main |
| 18:00 | Dinner | Eichkatzerl - Apfelweinwirtschaft | Frankfurt am Main |
| Wed, 27 July | | Uses of nuclear energy and impacts | NatFak |
| 09:15 – 12:30 | Research Workshop | Preparation of a presentation on the topic: "Use of primary energy sources in the respective countries of origin" | Moderated by Prof. Dr. Scholz & Dr. Seelos |
| 12:30 – 14:00 | Lunch Break | | Zentralmensa |
| 14:00 – 16:30 | Discussion of Results and Research | "Radioactive decay as a timer of earth-historical processes" "Where to put our nuclear waste – impact of potential repositories on the environment and the society" "Outlook on renewable energies" | Students/ Prof. Dr. Scholz & Dr. Seelos |
| 17:30 – 19:00 | Cultural visit | Tour of Mewa Arena Mainz, home of Bundesliga Club Mainz 05 | |
| Thu, 28 July | | Research on renewable energy and biological radiation | |
| 09:00 – 12:30 | Field Excursion | juwi Company – One of the world's leading companies in the area of renewable energy | Wörrstadt |
| 12:30 – 13:30 | Lunch Break | | juwi Cafeteria |
| 14:30 – 17:00 | Workshop | "Radiation exposure from natural & anthropogenic disasters" | Prof. Dr. Efferth |
| 19:00 | Film | Theme-based documentary | |
| Fri, 29 July | | Live visit: Research reactor | |
| 09:00 – 10:00 | Lecture | "The TRIGA Mainz research reactor – a neutron source for research" | Dr. Geppert Head of TRIGA |
| 10:30 – 12:30 | Scientific Tour | Visit of the research reactor TRIGA Mainz Visit of the working group `Applied Radiochemistry and radioanalytics` - Prof. Reich | Prof. Dr. Reich |
| 12:30 – 14:00 | Lunch Break | | Zentralmensa |
| 14:00 – 16:00 | Lecture & Discussion | "Effects of radioactive radiation on health" | Prof. Dr. Efferth |
| 16:30 – 20:00 | Cultural Visit | Visit to the General University Sports Center or | |
| 19:30 | Concert | New world - An evening of chamber music | Hochschule für Musik |

Program 30 July - 01 August 2022

| Date/Time | Overview | Description | Location/Speaker |
|---------------------|-------------------------|--|---|
| Sat, 30 July | | Take social science perspectives | |
| 09:15 – 10:45 | Impulse Lectures | "Out of control? A social science perspective on nuclear fission from the angles of crisis management and Science and Technology studies" | Junior-Prof. Dr. Brinks & Prof. Dr. Verne |
| 10:45– 11:15 | Coffee Break | | |
| 11:15 – 13:15 | Group Work | "Discussion of the complexity of crisis prevention, management and the unpredictability of technology" | Junior-Prof. Dr. Brinks & Prof. Dr. Verne |
| 13:15 – 14:00 | Lunch Break | | |
| 14:00 – 17:00 | Free Afternoon | Explore the city of Mainz on your own. Stroll along the Rhine river, visit the Gutenberg Museum, the cathedral (Dom), St. Stephan or simply enjoy your afternoon off in one of the many cafés. | Mainz |
| 18:00 – 20:00 | Cultural Tour | Vineyard Tour | Rheingau |
| Sun, 31 July | | Conclusion | |
| | Free Morning | | |
| 14:00 – 15:30 | Group Work & Discussion | Wrap-up Session & Outlook | Junior-Prof. Dr. Brinks Prof. Dr. Reich Dr. Schellack |
| from 16:00 | Farewall Reception | Barbecue | Faculty of Chemistry |
| Mon, 01 Aug. | | Departure | |
| | | Individual Departure | |

let's talk about --- global change

forster summer school explores

 nuclear fission
discovery, impacts and perspectives



22 july

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