



SCS
Swiss Chemical
Society

17. ÖSTERREICHISCHE CHEMIETAGE **17th Austrian Chemistry Days**

September 25 – 28, 2017

University of Salzburg



**JOINT MEETING OF THE SWISS &
AUSTRIAN CHEMICAL SOCIETIES**

2. Circular and Registration

**GESELLSCHAFT ÖSTERREICHISCHER
CHEMIKER**

17. ÖSTERREICHISCHE CHEMIETAGE

17th AUSTRIAN CHEMISTRY DAYS

**Joint Meeting of the
Swiss & Austrian Chemical Societies**

University of Salzburg

September 25 – 28, 2017

“Chemie – von den Biowissenschaften zum Material”

“Chemistry – from Life Sciences to Materials”



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17th Austrian Chemistry Days

(September 25 – 28, 2017)

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“Chemistry – from Life Sciences to Materials”

Chemical sciences are essential for understanding fundamental processes and developing new technologies. The Austrian Chemistry Days 2017 will focus on the central role that chemistry plays for a variety of fields, ranging from life sciences to functional materials. The conference will invite scientists from all chemical disciplines to address topics such as synthesis, analytical sciences, catalysis, chemical biology, computational chemistry, electrochemistry, materials chemistry, supramolecular chemistry and nanochemistry.

The Austrian Chemistry Days will promote cross-disciplinary discussions that are essential to the emergence of new concepts. Plenary lectures, oral and poster presentations will stimulate interactions between young scientists and internationally recognized experts. A specific program for undergraduate students will be held.

In the past, the Austrian Chemistry Days have been organized in cooperation with neighboring chemical societies. Members of these societies are particularly welcome to participate. In 2017, we are glad to share this meeting with the Swiss Chemical Society. English will be the official conference language.

For further details, please visit: www.goech.at, www.chemietage.at



Scientific Program

Invited and Plenary Lectures

Prof. Dr. Christian Becker Universität Wien Austria	(Semi-)Synthesis of Posttranslationally Modified Proteins
Dr. Mélanie Hall, PhD Universität Graz Austria	Redox Biocatalysis: From Human to the Test Tube, and Beyond
Prof. Dr. Maksym Kovalenko ETH Zürich Switzerland	Nano- and Large Single Crystals of Lead Halide Perovskites: from Bright Light Emission to Gamma Detection
Prof. Dr. Peter Kündig University of Geneva Switzerland	The asymmetric catalytic Activation of C-H Bonds
Ass.Prof. Dr. Andreas Orthaber Uppsala University Sweden	Unsaturated Organopnictogen Compounds in opto-electronic Materials - from Lab Curiosities to fundamental Applications
Prof. Dr. Hans-Peter Steinrück Friedrich-Alexander Universität Erlangen-Nürnberg, Germany	Surface Chemistry of Complex Materials
Prof. Dr. Martin Winter Universität Münster Germany	The Contribution of (Electro)-Chemistry to Electro-Mobility and "Energy Transition"

Mini Symposia:

Monday, September 25, 2017

- ASAC – Analytical Chemistry; Chair: o. Univ. Prof. Dr. Wolfgang Buchberger
- Biobasen Industry - Spanning a bow from Microfluidics to Biotechnology; Chair: Univ. Prof. Dr. Robert Mach
- Trends in Physical Chemistry; Chair: o. Univ. Prof. Dr. Wolfgang Kautek
- Materials and Molecules in Nuclear Magnetic Resonance; Chair: Dr. Mario Schubert
- Medicinal & Bioorganic Chemistry; Chair: Ass. Univ. Prof. Dr. Michael Schnürch
- Surface Chemistry and Catalysis; Chair: Ass. Univ. Prof. Dr. Karin Föttinger
- Jungchemiker – Chemistry a_side

Tuesday, September 26, 2017

- Jungchemiker – Careers in Concept – Chemists' Stories: from Fascination to Proficiency

Wednesday September 27, 2017

- Jungchemiker – Career Day
 - Workshop A: Bist Du bereit, die Welt zu verändern? - Foresight-Management
 - Workshop B: Arbeit 4.0: Think outside your box!

Others to be announced

The conference will cover the following topics and all other chemical disciplines

- Analytical Chemistry
- Biochemistry & -Technology, Chemical Biology
- Catalysis
- Chemical Education
- Chemical Engineering
- Environmental and Sustainable Chemistry
- Inorganic and Solid State Chemistry
- Nanochemistry and Materials Chemistry
- Organic and Medicinal Chemistry
- Physical Chemistry
- Polymer and Supramolecular Chemistry
- Theoretical and Computational Chemistry

Scientific Committee:

Head

Nicola Hüsing
Christian Bochet
Rolf Breinbauer
Chiara Cabrele
Oliver Diwald
Christian Huber
Hubert Huppertz
Peter Kündig
Marko Mihovilovic

Universität Salzburg
University of Fribourg
Technische Universität Graz
Universität Salzburg
Universität Salzburg
Universität Salzburg
Universität Innsbruck
University of Geneva
Technische Universität Wien

Organizing Committee

Gabriela Ebner
Oliver Diwald
Nicola Hüsing
Josef Wendrinsky
Stefan Felderer

GÖCH
Universität Salzburg
Universität Salzburg
GÖCH
GÖCH Jungchemiker

Contact

Gabriela Ebner
Austrian Chemical Society - GÖCH
Nibelungengasse 11/6
1010 Vienna, Austria
Phone: +43 1 587 42 49
Fax: +43 1 587 89 66
Mail: gabriela.ebner@goech.at
Web: www.goech.at

David Spichiger, CEO
Swiss Chemical Society (SCS)
Haus der Akademien
Laupenstrasse 7, Postfach
3001 Bern, Switzerland
Phone: +41 31 306 92 91
Email: spichiger@scg.ch
Web: <https://scg.ch/>

Deadlines

Submission of abstracts: May 15, 2017
Acceptance of abstracts: June 20, 2017
Participation early bird: June 25, 2017
Regular fee: from June 26, 2017

Venue

Paris Lodron Universität Salzburg
Hellbrunnerstraße 34
5020 Salzburg, Austria
www.uni-salzburg.at,
www.uni-salzburg.at/chemphysmat

Call for abstracts

In addition to the plenary lectures oral and poster presentations will take place. Abstracts should be sent **exclusively online** to the congress web site. The final draft of the abstract should not exceed one page. Accepted abstracts will be published in the proceedings book. **Deadline** for abstract submission is **May 15, 2017**. The author's guidelines can be found at www.chemietage.at

The scientific committee reserves the right to decide if the abstract will be presented as an oral lecture or a poster.

Oral and poster presentations

There is a time limit for oral presentations of 15 minutes and 5 minutes for discussion. Oral presentations will be held in parallel sessions.

Beamer projection is provided. PowerPoint files on a CD or USB stick are accepted.

Poster size is A1 (width 595mm x height 841mm) up to a maximum A0 format (width 84,1cm x height 118,9cm). Posters should be designed in portrait orientation. They have to be presented from Monday afternoon to Wednesday afternoon.

Conference language: English

Registration: Online at www.chemietage.at

Social Program

September 25, 2017:

- 19.15: Welcome Party – Universität Salzburg – Hellbrunnerstraße 34, 5020 Salzburg

September 26, 2017:

- 19.30: Social Evening – Conference Dinner – Barbecue, Universität Salzburg – Hellbrunnerstraße 34, 5020 Salzburg

September 27, 2017:

- 19.00: Convivial Evening, (food & beverages not covered)

September 28, 2017:

- 8.00 (check in 7.30) – ca. 16.45: Excursions

Further Information

Exhibition:

Companies participating as industrial exhibitors will obtain specific information. For their presentation of products standard packages will be offered and specific needs will be met on request. For further information contact Mrs Gabriela Ebner, Phone: 0043 1 587 42 49, Email: gabriela.ebner@goech.at

Travel grants

Travel grants are available for students who are GÖCH members. Forms can be downloaded from the conference web site www.chemietage.at

Accommodation

To book a hotel, use the link "accommodation" on www.chemietage.at.

Reservations can be made online or with the reservation form. If you have any question concerning your hotel reservation, do not hesitate to contact Ms. Mag. Natalia Hofer, Phone: 0043 (0)662 88987-603, Fax: 0043 (0)662 88987-32, Hofer@salzburgcongress.at

Child Care Service

On request Child care is available. Registration for child care is possible till August 20th 2017. Cancellation of child care booking is free of charge by August 20th 2017. Child Care Service has during the Chemistry Days no specific insurance. Please take care that your children are insured suitable. By interest send an email to gabriela.ebner@goech.at.

Convivial Evening – Organized by Österreichische Jungchemiker

- Cheerful get-together in one of Salzburg's many homely restaurants for food and beverages



Österreichische Jungchemiker
www.jungchemiker.at

*Rooted in Tradition
Striving for Innovation*

Excursions

Excursion A: Salty-beery worlds - Two Salzburg highlights in one swoop

Check-In: 7.30, Departure: 08.00; Arrival: ca. 15.00;
Sturdy footwear and warm clothing are required

Price: 58, -- Euro

Salzburg's development is, as the name says, closely connected with salt production. The City of Mozart is also the secret beer capital of Austria.

Find out interesting and also amusing information about salt and beer during this one-day programme.

- A miner's welcome at the beginning of the tour of the mine with bread, salt and schnapps
- Guided tour through the "Salzwelten Hallein" and visitation of the Celtic Village
- Stiegl Brewery Cinema 'The nature of beer'
- Guided tour of the Stiegl Brauwelt and the large-scale production
- Beer tasting and beer crackers
- Souvenir from the brewery shop

Clothing for the mine: the temperature is a constant 10°C; sturdy footwear and warm clothing are therefore required. Admission to the mine for children is from 4 years of age only.

Excursion B: The Greater Salzburg Conservation Association and Schloss Hellbrunn – Trick Fountains

Check-In: 7.30, Departure: 08.00; Arrival: ca. 16.45;
Sturdy footwear is required

Price: 58, -- Euro

Thinking ahead

The Greater Salzburg Conservation Association's sewage treatment plant works on a biological basis with a natural process by which microorganisms break down the inflowing pollutants. Certain chemicals and medicines, paints and varnishes, fats, oils and solid materials such as rags, toiletries etc. impair the purification process. Thus every single person has a decisive influence on the operation of the sewage system and the sewage treatment plant: the fewer harmful materials get into the sewage system, the better and more economical the wastewater purification process. Initial well-thought-out actions ultimately save costs and effort for wastewater purification.

The Trick Fountains – pure fun for young and old

From the very outset, water was one of the dominant design elements for the palace. Markus Sittikus also harnessed this water for the trick fountains and entertainment of his guests. The trick fountains allow you to experience, in virtually unchanged form, what brought so much pleasure for the archbishops almost 400 years ago: mysterious, mystical grottos, water-driven mechanical figures and mischievous jets of water spurting out from every nook and cranny.

Not just a palace – a summer palace

Hunting lodges are there for hunting, residences to live in and to govern from – but what is actually a summer palace? Quite simply: a place for celebration, for pleasure and recuperation – a representative holiday domicile with a park and Trick Fountains.

Excursion C: Wacker Chemie - Burghausen

Check-In: 7.30, Departure: 08.00; Arrival: ca. 16.45;
Sturdy footwear is required

Price: 58, -- Euro

Because we cross the border from Austria to Germany, it will be better if you have your passport with you.

Contents

Founded in 1914, the Burghausen plant is WACKER's principal production site and the largest chemical plant in Bavaria. The 2.3 km² site employs almost 10,000 people in over 130 production units. The portfolio of products that are manufactured ranges from polysilicon and hyperpure silicon wafers to silicones, silanes and pyrogenic silicas, as well as dispersions and dispersible polymer powders, solid resins, fine chemicals and base materials for the chemical industry.

All WACKER business divisions have operations in Burghausen: WACKER SILICONES, WACKER POLYMERS, WACKER BIOSOLUTIONS and WACKER POLYSILICON. In addition to the parent company, other companies on site include Siltronic AG and former WACKER joint venture Vinnolit GmbH & Co. KG. All production and service units work closely together as part of an integrated technical and economic network, in compliance with the same standards for safety, health and environmental protection.

Further information on the excursions at www.chemietage.at

PRELIMINARY PROGRAM

Monday, September 25, 2017	Tuesday, September 26, 2017	
08.00: Exhibition Preparation, mounting posters	08.00: Conference Office Opening	
10.30: Conference Office Opening	09.00: Conference Opening 09.15 – 10.00: Plenary Lecture – Prof. Dr. Martin WINTER, Universität Münster, Germany 10.00 – 10.45 Plenary Lecture – Prof. Dr. Hans Peter STEINRÜCK, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany	
12.00 – 15.00: MS ASAC Analytical Chemistry		
12.00 – 15.00: MS Materials and Molecules in Nuclear Magnetic Resonance		
12.00 – 15.00: MS Surface and Catalysis		
12.00 – 15.00: MS Biobasen Industry: Spanning a bow from Microfluidics to Biotechnology		
12.00 – 15.00: MS Trends in Physical Chemistry		
12.00 – 15.00: MS Medicinal and Bioorganic Chemistry		
12.00 – 15.00: Jungchemiker – Chemistry a_side		
15.00 – 15.30: Coffee Break, Posters & Exhibition Visit	10.45 – 12.00: Postersession, Coffee break, & Exhibition Visit	
	12.00 – 13.00: Lunch 12.00 – 13.00: Lunch Workshops	
15.30 – 17.00: MS ASAC Analytical Chemistry 15.30 – 17.00: MS Materials and Molecules in Nuclear Magnetic Resonance 15.30 – 17.00: MS Surface and Catalysis 15.30 – 17.00: MS Biobasen Industry: Spanning a bow from Microfluidics to Biotechnology 15.30 – 17.00: MS Trends in Physical Chemistry 15.30 – 17.00: MS Medicinal and Bioorganic Chemistry 15.30 – 17.00: Jungchemiker – Chemistry a_side 15.30 – 16.15: Invited Lecture Dr. Mélanie HALL, PhD Universität Graz, Austria 16.15 – 17.00: Invited Lecture Ass. Prof. Dr. Andreas ORTHABER, Uppsala University, Sweden 17.00 – 18.00: GÖCH General Assembly 2017 18.00 – 19.00: Postersession	13.00 – 15.00: Short Lectures 13.00 – 15.00: Jungchemiker – Careers in Concept	
	15.00 – 16.00: Postersession, Coffee Break, & Exhibition Visit	
	16.00 – 17.00: Short Lectures 16.00 – 17.00: Jungchemiker – Careers in Concept	
	17.00 – 17.45: Prof. Dr. Maksym KOVALENKO ETH Zürich, Switzerland	
	17.45 – 19.15: Chemistry Awards, Anton Paar Science Award & Habilitation Award 2017, ASAC Young Analytical Chemist Award, Feigl-Award, Springer Best Paper and 120 years of GÖCH	
	19.15: Get together – Welcome Party	19.30: Social Evening - Barbecue

PRELIMINARY PROGRAM

Wednesday, September 27, 2017	Thursday, September 28, 2017
08.30: Conference Office Opening	<p>Excursion A: Salty-beery worlds - Two Salzburg Highlights in one Swoop</p> <p>Sturdy footwear and warm clothing are required</p> <p style="text-align: right;"> Check-In: 07.30 Departure: 08.00 Arrival: ca. 15.00 </p>
09.00 – 9.45: Plenary Lecture – Prof. Dr. Christian BECKER, Universität Wien	
09.45 – 10.30: Invited Lecture – Anton Paar Laureate 2017	
09.45 – 12.00: Jungchemiker – Career Day <ul style="list-style-type: none"> ○ Workshop A: Bist Du bereit, die Welt zu verändern? - Foresight-Management ○ Workshop B: Arbeit 4.0: Think outside your box! 	
10.30 - 11.00: Coffee Break, Postersession & Exhibition Visit	<hr/> <p>Excursion B: The Greater Salzburg Conservation Association and Schloss Hellbrunn – Trick Fountains</p> <p>Sturdy footwear is required</p> <p style="text-align: right;"> Check-In: 07.30 Departure: 08.00 Arrival: ca. 16.45 </p>
11.00 – 12.00: Short Lectures	
12.00 – 13.00: Lunch	
13.00 – 14.20: Jungchemiker – Career Day <ul style="list-style-type: none"> • Workshop A: Bist Du bereit, die Welt zu verändern? - Foresight-Management • Workshop B: Arbeit 4.0: Think outside your box!" 13.00 – 14.20: Short Lectures	
14.20 – 15.05: Plenary Lecture – Prof. Dr. Peter KÜNDIG, University of Geneva, Switzerland	<hr/> <p>Excursion C: Wacker Chemie - Burghausen</p> <p>everyone (male and female) is required to wear sturdy footwear and long trousers</p> <p style="text-align: right;"> Check-In: 07.30 Departure: 08.00 Arrival: ca. 16.45 </p> <p><i>Because we cross the border from Austria to Germany, it will be better if you have your passport with you!</i></p>
15.05 – 15.45: Coffee Break, Posters, Exhibition Visit	
15.45 – 16.30: Invited Lecture – Habilitation Laureate 2017	
16.30 – 16.50: Poster Awards	
16.50 – 17.00: Greetings – Leave taking	
19.00: Convivial Evening	

**Registration Form for Participation
(Early bird June 25, 2017)**

The registration fee includes: participation, conference documents, coffee breaks and social events. All student participants have to pay a service charge for Welcome Party & Conference Evening.

Surname.....Firstname.....Title.....

Address – company/university.....

Postal code.....Venue.....

Address – private.....

Postal code.....Venue.....

GÖCH Membership number.....

SCS, SCI, CCHS, SCHS, SKD, MKE, VCÖ Membership number.....

E-Mail.....

Phone..... Cell phone.....

Submission of oral and poster presentations (deadline: May 15, 2017)

Registration	Early bird	Regular fee	Payment
<input type="checkbox"/> Full Members of GÖCH, SCS, SCI, CCHS, SCHS, SKD, MKE and VCÖ	120,00	160,00	
<input type="checkbox"/> Non Members	190,00	235,00	
<input type="checkbox"/> Student members of GÖCH, SCS, SCI, CCHS, SCHS, SKD, MKE	Free	50,00	
<input type="checkbox"/> Students	50,00	60,00	
<input type="checkbox"/> One day ticket - Full Members of GÖCH, SCS, SCI, CCHS, SCHS, SKD, MKE and VCÖ	85,00	110,00	
<input type="checkbox"/> One day ticket – Non Members	95,00	115,00	
<input type="checkbox"/> One day ticket – Students	40,00	50,00	
<input type="checkbox"/> Book of abstracts	40,00	40,00	
<input type="checkbox"/> Jungchemiker Workshops: please select only one workshop			
<input type="radio"/> Workshop A <input type="radio"/> Workshop B			
<input type="checkbox"/> GÖCH Member	20,00	40,00	
<input type="checkbox"/> Non-Member	40,00	100,00	

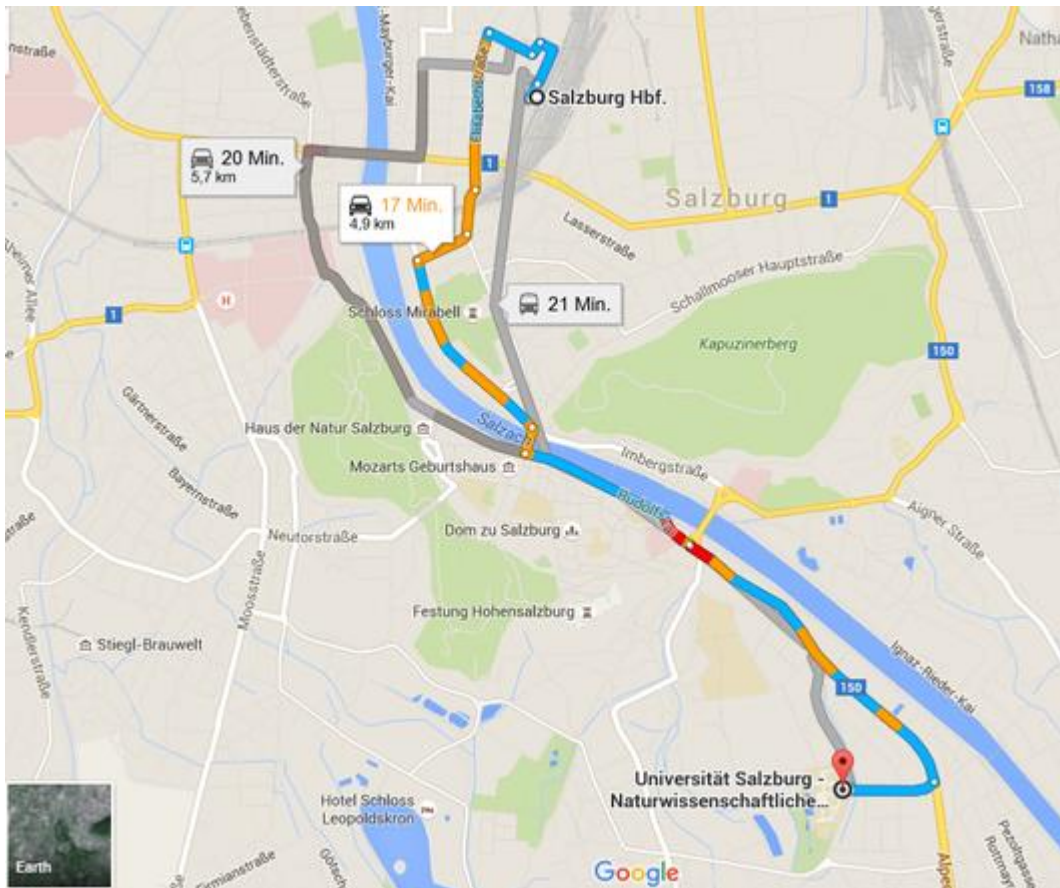
Social program			
<input type="checkbox"/> For all student participants which take part on Welcome Party & Conference Evening (25.9. and 26.9.2017)	30,00	30,00	
<input type="checkbox"/> Welcome Party – Participant (Full –and Non Member)	Free	Free	
<input type="checkbox"/> Social Evening – Participant (Full –and Non Member)	Free	Free	
<input type="checkbox"/> Welcome Party – Accompanying person	25,00	25,00	
<input type="checkbox"/> Social Evening – Accompanying person	28,00	28,00	

Excursions September 28, 2017	Number of participants		
<input type="checkbox"/> Excursion A: Euro 58,00 / person		58,00	
<input type="checkbox"/> Excursion B: Euro 58,00 / person		58,00	
<input type="checkbox"/> Excursion C: Euro 58,00 / person		58,00	
<input type="checkbox"/> Convivial evening on September 27, 2017 Food & beverages not covered, service charge for transport		15,00	
		Total amount	

Upon receipt of payment you will receive the invoice and your voucher. Payable to **Bank Austria, IBAN: AT06 1200 0004 3192 6515, BIC: BKAUATWW**

Date..... Signature.....

Map & Directions to University of Salzburg, Hellbrunnerstraße 34, 5020 Salzburg



By Car:

Motorway A10 exit Salzburg Süd - in the direction Salzburg - go along Alpenstraße until you reach the crossroads into Michael-Pacher-Straße – turn right and follow to the end until you are directly in front of the Faculty of Natural Sciences

Please have a look for parking lots along Michael-Pacher-Straße - (mind that this is a short-term parking zone for a maximum of 3 hours - please do not forget to place your parking disc well apparent in your car) or use the underground car park of the Faculty of Natural Sciences (to enter the car park please dial the mentioned phone number given directly at the entrance)

By train:

From the main train station (option 1): take the trolley bus line 3 exit at Faistauer Gasse; walk in the direction the bus goes; at Michael-Pacher Str. turn right and follow the street to its end (a max 5 min walk)

From the main train station (option 2): take the trolley bus line 3 (directly for about 11 minutes, or by changing busses - therefore take line 8 from Mozartsteg) until exit Faistauergasse; walk in the direction the bus goes; at Michael-Pacher Str. turn right and follow the street to its end (a max 5 min walk)

Salzburg train station is directly connected to many cities in Austria and other countries in Europe

The websites of the Austrian and Swiss Railway Systems are:

ÖBB: www.oebb.at

DB: www.bahn.de/

SBB: www.sbb.ch

By flight:

take the trolley bus line 2 (in the direction of Salzburg City Center) until exit Hans-Schmid-Platz, change busses to trolley bus line 1 (in the direction of Salzburg Arena) until exit F.-Hanusch-Platz, again change busses to trolley bus line 3 (in the direction of Salzburg Süd). This line takes you directly to the exit Faistauergasse - walk along Mascagnigasse and Michael-Pacher-Straße - it takes you about 5 minutes to reach the Faculty of Natural Sciences

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