



Società Chimica Italiana

**16. ÖSTERREICHISCHE CHEMIETAGE  
16<sup>th</sup> Austrian Chemistry Days**

**September 21 – 24, 2015**

**University of Innsbruck**



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

**2. Circular and Registration**

**GESELLSCHAFT ÖSTERREICHISCHER  
CHEMIKER**

**16. ÖSTERREICHISCHE CHEMIETAGE**

**16<sup>th</sup> AUSTRIAN CHEMISTRY DAYS**

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

**University of Innsbruck**

September 21 – 24, 2015

**“Chemie für eine nachhaltige Zukunft”**

**“Chemistry for a Sustainable Future“**



## **16<sup>th</sup> Austrian Chemistry Days**

**(September 21 – 24, 2015)**

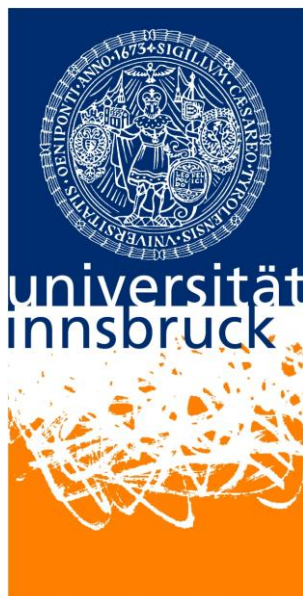
**University of Innsbruck**

### **“Chemistry for a Sustainable Future“**

Chemistry represents the central science for the challenging developments of our future. To foster progress in terms of sustainability, the central role of advances in synthesis is emphasized. This comprises synthetic methodologies from molecular up to solid state chemistry including a detailed characterization of the new compounds and materials. These tasks afford joint contributions from all fields of chemistry. The Austrian Chemistry Days provide a lively forum for the communication in all areas of chemistry and chemical technologies. The program presents plenary lectures given by internationally recognized scientists, oral and poster presentations and time for discussion. Young chemists are particularly welcome to participate; a special program suitable for undergraduates will be additionally arranged.

In the past the Austrian Chemistry Days have been organized in cooperation with the chemical societies of Slovakia, Slovenia, the Czech Republic, and Hungary. Members of these societies are particularly welcome to participate. In 2015 we are glad to share this meeting with the Italian Chemical Society. As in recent years, the language of the conference will be English.

For further details, please visit: [www.goch.at](http://www.goch.at), [www.chemietage.at](http://www.chemietage.at)



## Scientific Program

### Invited and Plenary Lectures

Prof. Dr. Vincenzo Barone  
Institute of Theoretical and  
Computational Chemistry  
Scuola Normale Superiore di Pisa, Italy

The SMART cyberinfrastructure: Space-Time Multiscale  
Approaches for Research and Technology.

Prof. Dr. Alberto Credi  
Dipartimento di Chimica "Giacomo  
Ciamician"  
Bologna, Italy

Photoactive molecular devices, machines and materials

Prof. Dr. Thomas Jüstel  
Faculty of Chemical Engineering  
University of Applied Sciences  
Münster, Germany

Inorganic Luminescent Materials for Highly Efficient Solid  
State Light Sources

Dr. Friedrich Lottspeich  
MPI of Biochemistry, Martinsried,  
Germany

Concepts after 20 years of proteomics

Prof. DDr. h.c. Helmut Schwarz,  
Institute of Chemistry  
Technical University of Berlin, Germany

Ménage-à-Trois: Single-atom Catalysis, Mass  
Spectrometry and Computational Chemistry

Dr. Grit Straganz  
Institute of Biochemistry  
Graz University of Technology, Austria

Tricking nature - unravelling how nature controls  
hydroxylations at an enzymatic nonheme iron(II) center in  
order to invert its stereoselectivity

Dr. Miriam Unterlass  
Institute of Materials Chemistry  
Technical University of Vienna, Austria

Geomimetics for highly crystalline polymers

### Mini Symposia:

#### Monday, September 21, 2015

- Biochemistry and Biotechnology; Chair: ao.Univ.Prof. Dr. Karl Stich
- Modern Trends in Physical Chemistry; Chair: o.Univ.Prof. Dr. Wolfgang Kautek
- Materials and Molecules in Nuclear Magnetic Resonance; Chair: Dr. Lothar Brecker
- Medicinal & Bioorganic Chemistry; Chair: Univ.Prof. Dr. Marko Mihovilovic
- Surface Chemistry and Catalysis; Chair: Univ.Prof. Dr. Günther Rupprechter
- ASAC Analytical Chemistry, Chair: Dr. Christoph Seger
- Young Chemists – Chemistry a\_side

#### Tuesday, September 22, 2015

- Young Chemists – Careers in Concept

#### Wednesday Sept. 23, 2015

- Young Chemists – Workshops

Others to be announced

### The conference will cover the following topics

- Analytical Chemistry
- Biochemistry
- Biotechnology
- Chemical Education
- Chemical Engineering
- Electrochemistry
- Engineering and Microwave Chemistry
- Environmental and Sustainable Chemistry
- Inorganic Chemistry
- Materials Chemistry
- Medicinal Chemistry
- Organic Chemistry
- Physical Chemistry
- Polymer Chemistry
- Solid State Chemistry
- Theoretical Chemistry

## Scientific Committee:

Head	
Hubert Huppertz	University of Innsbruck
Angela Agostiano	University of Bari
Alberto Albinati	University of Milan
Günther Bonn	University of Innsbruck
Herbert Ipser	University of Vienna
Bernhard Kräutler	University of Innsbruck
Klaus Liedl	University of Innsbruck
Günther Rupprechter	Vienna University of Technology
Hanno Stutz	University of Salzburg

## Organizing Committee

Gabriela Ebner	GÖCH
Hubert Huppertz	University of Innsbruck
Klaus Liedl	University of Innsbruck
Simon Albertini - Young Chemists	University of Innsbruck
Erich Leitner	GÖCH

## Contact

Gabriela EBNER / Dr. Erich LEITNER Gesellschaft Österreichischer Chemiker Nibelungengasse 11/6 1010 Vienna, Austria Phone: 0043 1 587 42 49 Fax: 0043 1 587 89 66 Email: <a href="mailto:office@goech.at">office@goech.at</a> Web: <a href="http://www.goech.at">www.goech.at</a>	Sig.ra Manuela Mostacci SCI – Società Chimica Italiana Viale Liegi 48c, 00198 Roma, Italy Phone: +39 06 8549691 / 8553968 Fax: +39 06 8548734 Email: <a href="mailto:ufficiocongressi@soc.chim.it">ufficiocongressi@soc.chim.it</a> Web: <a href="http://www.soc.chim.it">www.soc.chim.it</a>
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## Deadlines

Submission of abstracts: May 15, 2015  
Acceptance of abstracts: June 15, 2015  
Participation early bird: June 20, 2015  
Regular fee: after June 20, 2015

## Venue

University of Innsbruck – CCB Center  
Innrain 80 - 82  
6020 Innsbruck, Austria  
[www.uibk.ac.at/fakultaeten/chemie\\_und\\_pharmazie/](http://www.uibk.ac.at/fakultaeten/chemie_und_pharmazie/)

## 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, 2015**. The author's guidelines can be found at [www.chemietage.at](http://www.chemietage.at)

The scientific committee reserves the right to decide if the abstract will be presented as a 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](http://www.chemietage.at)

## Social Program

### September 21, 2015:

- 19.15: Welcome Party – University of Innsbruck – CCB Center, Innrain 80 – 82 6020 Innsbruck

### September 22, 2015:

- 19.30: Social Evening – Conference Dinner – barbecue, CCB Center, Innrain 80 – 82, 6020 Innsbruck

### September 23, 2015:

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

### September 24, 2015:

- 8.00 (check in 7.30) – 17.00: 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](mailto: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](http://www.chemietage.at)

### Accommodation

To book a hotel, use the link "accommodation" on the congress website – [www.chemietage.at](http://www.chemietage.at) . Reservations can be made exclusively online. If you have any question concerning your hotel reservation, do not hesitate to contact Mr. Dieter Kraft, Phone: 0043 512 562000, Fax 0043 512 56 2000 – 220, email: [hotel@innsbruck.info](mailto:hotel@innsbruck.info)

### Childcare Service

- **Age:** From 6 month to 6 years
- **Limit:** Child care can only be provided, if a minimum of four children are registered
- **Deadline:** Registration can be made until **August 31, 2015**

Information:

- Phone: 0043 (0) 512/507 9047 or 9048, Fax: Fax: 0043 (0) 512 507 9886
- Email: [Kinderbetreuung@uibk.ac.at](mailto:Kinderbetreuung@uibk.ac.at)
- Registration for Childcare Service is possible by email, post or fax using the registration form.
- You can download the form on the following link:  
[http://www.chemietage.at/fileadmin/chemietage2015/files/childcare\\_chemietage2015.pdf](http://www.chemietage.at/fileadmin/chemietage2015/files/childcare_chemietage2015.pdf)

### Convivial Evening – Organized by the Austrian Young Chemists

- 19:00 – Cheerful get-together in one of Innsbruck's many homely restaurants for food and beverages.
- 22:00 – Young Chemists late night program: Exploring Innsbruck's Nightlife with local guides. For the young at heart, regardless of the age.



Austrian Young Chemists

*Rooted in Tradition*

*Striving for Innovation*

## Excursions

**Excursion A / full day / 8.00 (check-in 7.30) – 17.00** – For this excursion you need compact shoes!

### **Sandoz Kundl, Grassmayr Bell Museum and Berg Isel**

#### **Welcome to Sandoz in Kundl!**

We are delighted to welcome you to Sandoz, one of the world's biggest providers of patent-free drugs. We – over 23,000 employees in 130 countries – have dedicated ourselves to healthcare. We develop, produce and market high-quality, low-cost generic drugs. Sandoz is the generics division of the Swiss pharmaceutical company Novartis. The largest development and production facility (3000 employees) in the entire Sandoz Group is located right here in Kundl. The Kundl facility is also one of the biggest manufacturers of antibiotics and the last remaining fully integrated producer of penicillin in the western world: Annually, more than 170 million packets of medicinal products leave the Kundl facilities...

#### **Grassmayr Bell Museum**

At the museum you can experience the entire evolution of bells, their development in the culture of the western world and the secrets of the bell casting guild.

The Bell Museum is a unique combination of bell foundry, bell museum and a sound room. On the basis of past experience, we are certain you will consider your visit a genuine adventure. We recommend allowing yourself approximately one hour for your visit.

#### **Berg Isel**

Towering high above Innsbruck on the wooded Bergisel Hill, the brand-new Bergisel Ski Jump is a sight to behold.

The hill itself is a historic site, scene of the 1809 battles in which Andreas Hofer led some Tyrolean peasants against French and Bavarian forces in the Tyrolean War of Independence.

Check-In: 7.30, Departure: 08.00; Arrival: 16.30 – 17.00; Price: 45, -- Euro

Further information on the excursion at [www.chemietage.at](http://www.chemietage.at)

**Excursion B / full day / 8.00 (check-in 7.30) – 17.00** – For this excursion you need compact shoes!

### **Adler Lacke, Schwazer Silver Mine and Swarovski Crystal Worlds**

#### **ADLER – paint runs through our veins!**

The ADLER-Werk Lackfabrik (paint factory) is an independent Tyrolean family business continuing to expand. During the previous year, the 490 workers – almost one in four who is employed in development and application technology – proudly achieved an annual turnover of 90 million euros. The company exports to 17 countries and has successfully increased its export share from 46% in 2012 to 54%. It is regarded as an Austrian leader and has also received multiple awards for its traineeship programmes.

#### **Schwazer Silver Mine**

The Schwaz Silver Mine opens a gate to an experience of the middle Ages for old and young.

#### **Swarovski Crystal Worlds - A new era of wonder**

Countless new facets in the Swarovski Crystal Worlds: The redesign of this extraordinary tourist destination, which will be reopened on this occasion in May 2015, represents the largest expansion of the crystalline world of experience to date. Working in collaboration with artists from throughout the globe and internationally renowned architects, a park landscape is emerging on 7.5 hectares of land surrounding the iconic Giant, with unparalleled art installations and new structures.

Check-In: 7.30, Departure: 08.00; Arrival: 16.30 – 17.00; Price: 45, -- Euro

Further information on the excursion at [www.chemietage.at](http://www.chemietage.at)

**Excursion C / full day / 8.00 (check-in 7.30) – 15.30** – For this excursion you need compact shoes!

### **Plansee Group**

#### **Molybdenum and Tungsten: Strong metals for a high-tech world**

The Plansee Group is an international high-tech company based in Reutte, Austria. It spans the three divisions Plansee High Performance Materials, Global Tungsten & Powders (GTP) and Ceratizit Hard Metals & Tools and has a stake of 20 percent in the molybdenum processor Molymet. Employing some 6,060 people in production and sales companies in 50 countries, the Plansee Group supplies customers with products made out of molybdenum and tungsten – high-tech materials able to withstand extreme thermal, mechanical and chemical stresses.

Check-In: 7.30, Departure: 08.00; Arrival: 15.00 – 15.30; Price: 45, -- Euro

Further information on the excursion at [www.chemietage.at](http://www.chemietage.at)

## PRELIMINARY PROGRAM

<b>Monday, September 21, 2015</b>	<b>Tuesday, September 22, 2015</b>	
08.00: Exhibition preparation, mounting posters	09.00: Conference Opening	
11.00: Conference office opening	09.15 – 10.00: Plenary Lecture – Prof. Dr. Helmuth SCHWARZ, Technische Universität Berlin, Germany  10.00 – 10.45 Plenary Lecture – Prof. Dr. Thomas JÜSTEL, University of Applied Sciences Münster, Germany	
12.00 – 15.00: Minisymposium: Materials and Molecules in Nuclear Magnetic Resonance		
12.00 – 15.00: Minisymposium: Medicinal & Bioorganic Chemistry		
12.00 – 15.00: Minisymposium: Surface Chemistry and Catalysis		
12.00 – 15.00: Minisymposium: Modern Trends in Physical Chemistry		
12.00 – 15.00: Minisymposium Biochemistry and Biotechnology		
12.00 – 15.00: ASAC Analytical Chemistry		
13.00 – 14.30: Minisymposium Young Chemists – 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	
15.30 – 17.00: Minisymposium: Materials and Molecules in Nuclear Magnetic Resonance  15.30 – 17.00: Minisymposium: Medicinal & Bioorganic Chemistry  15.30 – 17.00: Minisymposium: Surface Chemistry and Catalysis  15.30 – 17.00: Minisymposium: Modern Trends in Physical Chemistry  15.30 – 17.00: Minisymposium Young Chemists – Chemistry a_side  15.30 – 16.15: Invited Lecture – Dr. Miriam UNTERLASS, Technical University of Vienna, Austria  16.15 – 17.00: Invited Lecture – Dr. Grit STRAGANZ, Graz University of Technology, Austria  17.00 – 18.00: GÖCH General Assembly 2015  18.00 – 19.00: Postersession	<ul style="list-style-type: none"> <li>• 13.00 – 15.00: Minisymposium Young Chemists – Careers in Concept</li> <li>• 16.00 – 17.00: Minisymposium Young Chemists – Careers in Concept</li> </ul>	
	13.00 – 15.00: Short Lectures	
	15.00 – 16.00: Postersession, Coffee break, & Exhibition visit	
	16.00 – 17.00: Short Lectures	
	17.00 – 17.45: Plenary Lecture – Prof. Dr. Vincenzo BARONE, Scuola Normale Superiore di Pisa, Italy	
	17.45 – 19.15: Chemistry Awards, Anton Paar Science Award & Postdoctoral Lecture Qualification Award 2015 and ASAC Young Analytical Chemist Award	
	19.15: Get together – Welcome Party	19.30: Social Evening - barbecue



## PRELIMINARY PROGRAM

Wednesday, September 23, 2015	Thursday, September 24, 2015
09.00 – 9.45: Plenary Lecture – Dr. Friedrich LOTTSPREICH, MPI of Biochemistry, Martinsried, Germany	<p><b>Excursion A / full day</b>  <b>Sandoz Kundl, Grassmayr Bell Museum and Berg Isel</b></p> <p>For this excursion you need compact shoes!</p> <p style="text-align: right;">Check-In:        07.30  Departure:        08.00  Arrival:            16.30 – 17.00</p>
09.45 – 10.30: Invited Lecture – Anton Paar Laureate 2015	
<ul style="list-style-type: none"> <li>• 09.45 – 15.35: Young Chemists – Workshop (lunch time included)</li> </ul>	
10.30 - 11.00: Coffee break, Postersession & Exhibition visit	
11.00 – 12.00: Short Lectures	<p><b>Excursion B / full day</b>  <b>Adler Lacke, Schwazer Silver Mine and Swarovski Crystal Worlds</b></p> <p>For this excursion you need compact shoes!</p> <p style="text-align: right;">Check-In:        07.30  Departure:        08.00  Arrival:            17.00</p>
12.00 – 13.00: Lunch	
13.00 – 13.45: Invited Lecture – Laureate of the Postdoctoral Lecture Qualification Award 2015	
13.45 – 15.05: Short Lectures	
15.05 – 15.35: Coffee break, Posters, Exhibition visit	<p><b>Excursion C / full day</b>  <b>Plansee Group</b></p> <p>For this excursion you need compact shoes!</p> <p style="text-align: right;">Check-In:        07.30  Departure:        08.00  Arrival:            15.00 – 15.30</p>
15.35 – 16.00: Poster Awards	
16.00 – 16.45: Plenary Lecture – Prof. Dr. Alberto CREDI, Dipartimento di Chimica "Giacomo Ciamician" Bologna, Italy	
16.45 – 17.00: Greetings – Leave taking	
19.00: Convivial Evening	

**Registration Form for Participation  
(Early bird June 20, 2015)**

Name: ..... Title: .....

Address – company/university: .....

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

Address – private: .....

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

GÖCH Membership number.....

SCI, MKE, ČCHS, SCHS, SKD Membership number..... VCÖ Membership number.....

E-Mail: .....

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

**Submission of oral and poster presentations (deadline: May 15, 2015)**

Registration	Early bird	Regular fee	Payment
<input type="checkbox"/> Full Members of GÖCH, SCI, MKE, ČCHS, SCHS, SKD and VCÖ	105,00	150,00	
<input type="checkbox"/> Non Members	180,00	225,00	
<input type="checkbox"/> Student members of GÖCH, SCI, MKE, ČCHS, SCHS and SKD	Free	45,00	
<input type="checkbox"/> Students	40,00	60,00	
<input type="checkbox"/> One day ticket - Full Members of GÖCH, SCI, MKE, ČCHS, SCHS, SKD and VCÖ	70,00	90,00	
<input type="checkbox"/> One day ticket – Non Members	90,00	99,00	
<input type="checkbox"/> One day ticket – Students	55,00	65,00	
<input type="checkbox"/> Book of abstracts	34,00	34,00	
<input type="checkbox"/> Young Chemists Workshops: please select only one workshop <input type="checkbox"/> Presenting Scientific Data <input type="checkbox"/> LaTeX - Basic course <input type="checkbox"/> Statistics <input type="checkbox"/> The essence of science <input type="checkbox"/> LaTeX - Advanced course	10,00	10,00	

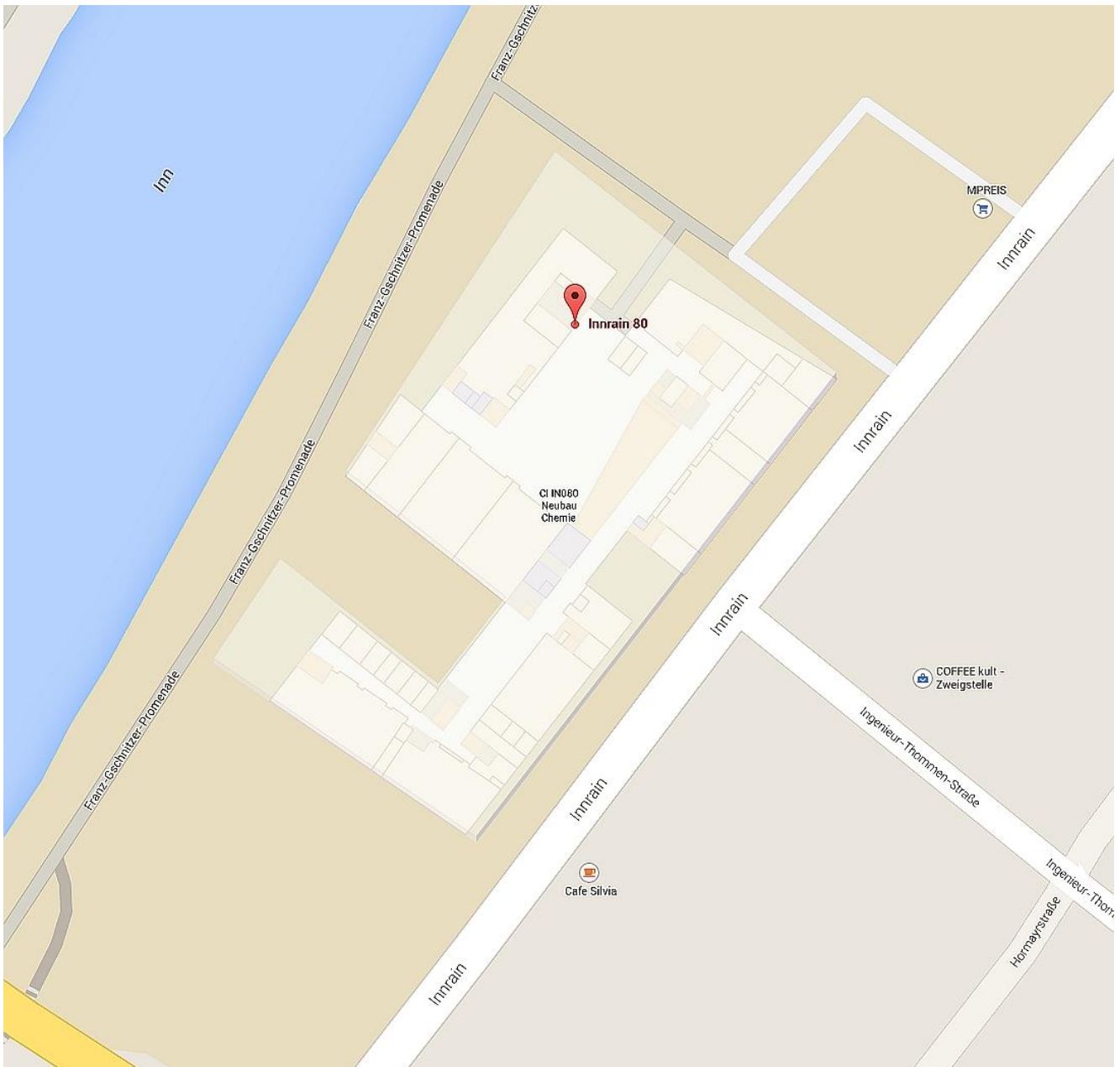
Social program			
<input type="checkbox"/> For <b>all</b> student participants which take part on Welcome Party & Conference Evening	20,00	20,00	
<input type="checkbox"/> Welcome Party – Participant	Free	Free	
<input type="checkbox"/> Social Evening – Participant	Free	Free	
<input type="checkbox"/> Welcome Party – Accompanying person	25,00	25,00	
<input type="checkbox"/> Social Evening – Accompanying person	28,00	28,00	

Excursions September 24, 2014	Number of participants		
<input type="checkbox"/> Excursion A: Euro 45,00 / person		45,00	
<input type="checkbox"/> Excursion B: Euro 45,00 / person		45,00	
<input type="checkbox"/> Excursion C: Euro 45,00 / person		45,00	
<input type="checkbox"/> Convivial evening on September 23, 2015 Food & beverages not covered, service charge for transport		10,00	
		Total amount	

Upon receipt of payment you will receive the invoice and your voucher. Payable to **Bank Austria, account number: 0043 19265 15, bank code: 12000, IBAN: AT06 1200 0004 3192 6515, BIC: BKAUATWW**

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

## Map & Directions to University of Innsbruck – CCB Center – Innrain 80 – 82, 6020 Innsbruck



### By Car:

From Munich nonstop highway - direction Salzburg, then exit Inntalautobahn

From Vienna nonstop highway „Westautobahn“

From Bregenz freeway direction Bludenz, Arlberg-Straßentunnel

From Verona nonstop highway (Brennerautobahn)

Highway exit Innsbruck-Ost, respectively highway exit Innsbruck-West

### By train:

The railway station is in a 15 minutes walking distance from the CCB Center. Information about train schedule on [www.oebb.at](http://www.oebb.at)

### By flight:

Scheduled flight from/to Innsbruck – ([www.flughafen-innsbruck.at](http://www.flughafen-innsbruck.at))

Scheduled flight to/from Munich – ([www.munich-airport.de](http://www.munich-airport.de))

## **SPONSORED BY**

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FCIO – Fachverband der chemischen Industrie, Wirtschaftskammer Österreich

University of Innsbruck

CHEMIEREPORT<sup>at</sup>

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