



7th meeting on Chemistry & Life 2018

PREFACE

The 7th meeting on Chemistry and Life will be held at Faculty of Chemistry, Brno University of Technology, September 12th - September 14th, 2018. The Ch&Life 2018 conference have a rich tradition of bringing together students, innovators, and leaders in chemistry into a vibrant and highly integrative forum that is conducive to sharing information, gaining knowledge, strengthening collaborations and moving forward the chemical science and technology in fundamental and applied research. This year's technical program encompasses 6 areas that cover the broad spectrum of activities in materials, environmental and food chemistry and technology, biotechnology, physical and applied chemistry and is expected to provide a unique opportunity to share and discuss the latest developments.

A special forum will be dedicated to Czech and Slovak food science on the occasion of the 100th anniversary of the establishment of the independent Czechoslovak Republic.

In addition to an exceptional technical program, Ch&Life 2018 will cater our attendees to an educational and outreach activities; including an exciting Workshop on PHA based bioplastics.

Finally, don't miss out on the opportunities offered by the conference social gatherings and networking events to get to

know better your colleagues, reconnect with old friends and make new ones.

The conference will be held under the auspices of the rector of Brno University of Technology, Professor Petr Štěpánek on the occasion of the 120th establishment of the university.

On behalf of the International Scientific Board and the Organizing Committee we look forward to welcoming you to the 7th Meeting on Chemistry and Life 2018 in Brno!

CONFERENCE TOPICS

- **Environmental Chemistry and Technology**
- **Functional Materials**
- **Inorganic materials**
- **Physical Chemistry & Life with special session on Advanced fluorescence techniques**
- **Photochemistry and Photocatalysis**
- **Organic Electronics and Bioelectronics**
- **Czech and Slovak Food Science Meeting** dedicated to 100th anniversary of Czechoslovak Republic establishment with special session aimed to:
 - historical perspective of 100 years in food sciences in Czech and Slovak regions,
 - trends and innovations in modern food science and technology, biotechnology and related fields,
 - young food scientists forum.
- **Workshop on PHA based bioplastics**

PLENARY AND INVITED SPEAKERS

Pellegrino Conte (University of Palermo, Italy)

Ján Durec (McCarter, a.s., Slovakia)

Eric Glowacki (Linköping University, Sweden)

Jose Luis Gomez-Ariza (University of Huelva, Spain)

Sabine Hild (Johannes Kepler University Linz, Austria)

Martin Hof (Czech Academy of Sciences, Prague)

Henryk Jelen (University Poznan, Poland)

Robert Liska (TU Wien, Austria)

Tony Patti (Monash University, Australia)

Ján Štulc (The State Veterinary and Food Administration of the Slovak Republic, Slovakia)

CALL FOR PAPERS

The organizers invite authors to submit abstract related to the conference topics. The abstracts will be evaluated, and if accepted, the authors will be informed about the form of presentation (oral or poster). Accepted extended abstracts (max. 6 pages) will be published in the "Czech Chemical Society Symposium Series" journal.

Full papers (6 pages) can be published in the "Material Science Forum" peer-reviewed journal indexed in e.g. SCOPUS after the conference. All authors retain the right to publish a significantly extended, updated or rewritten version of their conference contribution in another journal of their choice.

Full papers of Czech and Slovak Food Science Meeting can be published in special volume of "Trends in Food Industry", subtitled "100 years of Czech and Slovak Food Chemistry - Reminiscences and Future Perspectives".

For more information please visit the conference web site www.fch.vutbr.cz/chl2018.

CONFERENCE VENUE

Brno is the second largest city of the Czech Republic and a cultural, educational, industrial and commercial center of the South Moravian region. Brno offers many attractions including sights the historical city center, galleries, museums, theatres, cinemas, cafes, pubs, wine cellars, shopping centers, etc. For more information see www.gotobrna.cz/en.

The Faculty of Chemistry is one of 8 faculties established at Brno University of Technology, university with more than 110 years tradition which offer a cutting-edge education based on the latest scientific and professional knowledge.

SOCIAL PROGRAMME

All conference participants are invited to enjoy the Welcome Drink (local small breweries beer tasting) on Wednesday, September 12th, and the Conference Social Evening in the Technical Museum Brno on Thursday, September 13th. The Organizing Committee also invites all conference participants and accompanying persons to join the post-conference tour to the Austerlitz castle on Friday September 14th.

Participants are kindly asked to check and consider registration to the tour to Austerlitz in the registration form available on the conference web site.

CONFERENCE LANGUAGE

The official conference language is English. All abstracts and manuscripts must be submitted in English. The lectures and talks, as well as the poster presentations, will be given in English.

AWARDS

As a part of the conference, a Young researcher's forum will take place. This forum is for students of doctoral, master's and bachelor's degree. Best contributions will be selected and awarded.

INTERNATIONAL SCIENTIFIC BOARD

Chairman:

- Martin Weiter (Brno University of Technology)

Members:

- Mikhail Borisover (Volcani Center, Israel)
- Pellegrino Conte (University of Palermo, Italy)
- Alfred Crosby (University of Massachusetts Amherst U.S.A)
- Michal Čeppan (Slovak University of Technology in Bratislava)
- Sabine Hild (Johannes Kepler University Linz, Austria)
- Chris Holland (The University of Sheffield, England)
- Josef Jancar (Brno University of Technology)
- Jiri Kučerík (Brno University of Technology)
- Tony Patti (Monash University, Australia)
- Miloslav Pekař (Brno University of Technology)
- Jan Schwarzbauer (RWTH Aachen, Germany)
- Peter Šimon (Slovak University of Technology in Bratislava, Slovakia)
- František Šoukal (Brno University of Technology)
- Martin Tchingnabé Palou (Slovak Uni. of Technology in Bratislava,)
- Martin Vala (Brno University of Technology)
- Michal Veselý (Brno University of Technology)

CZECH AND SLOVAK FOOD SCIENCE MEETING

- Josef Balík (Mendel University in Brno)
- František Buňka (Tomas Bata University in Zlín)
- Libor Červenka (University of Pardubice)
- Jozef Golian (Slovak University of Agriculture in Nitra, Slovakia)

- Jana Hajšlová (University of Chemistry and Technology in Prague)
- Ivana Márová (Brno University of Technology)
- Zuzana Nouzovská, National Agricultural and Food Centre, VUP Food Research Institute in Bratislava, Slovakia)
- Martin Polovka (National Agricultural and Food Centre, VUP Food Research Institute in Bratislava, Slovakia)
- Ján Šajbidor (Slovak University of Technology in Bratislava, Slovakia)

WORKSHOP ON PHA BASED BIOPLASTICS

Workshop on PHA based bioplastics will be organized in cooperation of Czech and European specialists in complex research of PHA biopolymers. Applications will be presented in cooperation with the Nafigate, a.s. Company.

Organizing committee

- Adriána Kovalčík (Brno University of Technology)
- Martin Koller (BOKU University, Tulln, Austria)
- Ivana Márová (Brno University of Technology)
- Lenka Mynářová (Nafigate, Corp., a.s., Prague)
- Stanislav Obruča (Brno University of Technology)
- Radek Přikryl (Brno University of Technology)
- Ota Samek (Institute of Scientific Instruments in Brno)

CONFERENCE FEES

Regular participant	250 EUR
Student/PhD. student	190 EUR*
Additional payment (trip to Austerlitz)	30 EUR

The conference fee payment is allowed solely by bank transfer.

The payment deadline is June 20th, 2018.

*Participants applying for student fees will be obligated to e-mail a proof of their student status (a photocopy of the university identity card or other equivalent) to the Organizing Committee.

The conference fee includes:

- Access to all conference sessions
- Conference materials
- Catering during the conference (beer tasting welcome party, coffee breaks, lunches, wine tasting social evening)
- Short abstract (1 page) in the "Book of Abstracts" proceedings published by Brno University of Technology

KEY DATES AND DEADLINES

~~30 April 2018~~ **Extended 15 May 2018**

Abstract submission

20 May 2018

Notice to authors

20 June 2018

Conference fee payment

12 September 2018

Conference opening

14 September 2018

Conference closing

CONTACT

Faculty of Chemistry
Brno University of Technology
Purkyňova 464/118
612 00 Brno
Czech Republic
Tel: 00 420 541 149 301
Fax: 00 420 541 211 697
Email: ch2018@fch.vut.cz

