



Call for Papers

Faculty of Natural Sciences

University of SS. Cyril and Methodius in Trnava

organise



the 7th International Scientific Conference

Applied Natural Sciences 2019

Perspectives in V4 Countries

September 25 – September 27, 2019

Tále, Low Tatras, Slovak Republic



Hotel PARTIZÁN, <https://www.partizan.sk/sk>

in key symposiums

- Chemistry and Biomedical Chemistry
- Biology and Molecular Biology
- Biotechnology and Environmental Technology
- Applied Informatics
- Young Scientists

For detailed information visit <https://ans2019.ucm.sk/>

in cooperation with:

Faculty of Science

University of Ostrava, Czech Republic

Faculty of Environment

University of Jan Evangelista Purkyně in Ústí nad Labem, Czech Republic

Faculty of Chemistry

Nicolaus Copernicus University in Toruń, Poland

Faculty of Agricultural and Food Sciences in Mosonmagyaróvár

University of West Hungary in Sopron, Hungary

Symposiums:

Chemistry and Biomedical Chemistry

Symposium includes all branches of pure chemistry, like analytical, inorganic, physical, and organic chemistry. Lectures and posters will also be presented on interdisciplinary fields such as chemometry, electrochemistry, magnetochemistry, photochemistry, as well as chemistry applied to material science. This year, the section will be extended to biochemistry, medicinal and pharmaceutical chemistry, evoking exciting discussions on screening/treatment of particularly challenging diseases, biochemical pharmacology, enzymology, as well as novel and revisited drug discovery approaches.

Biology and Molecular Biology

The traditional topics of this section include current knowledge and methods of biological and biochemical analysis, biological active substances of microorganisms and plants, biochemistry and enzymology, molecular biology and genetics, as well as genomics, proteomics, and bioinformatics. The section promises the presentation of techniques and experiments of scientists, showing important discoveries that can lead to the formation of the field's key concepts.

Biotechnology and Environmental Technology

The symposium focuses on conventional and modern microbial and biochemical technologies. Further, it creates a platform for presenting the recent achievements and progress in the recombinant DNA technology and genetic modification of microorganisms and plants with improved traits. Special attention will be devoted to technologies and approaches for (bio)remediation of contaminated environments. The topics include: speciation modelling of toxic elements in soil-plant systems; transport and transformation of toxic and radioactive pollutants in the environment; water- and atmospheric analysis; land-, solids- and waste analysis; nuclear- and electro-analytical methods; environmental monitoring.

Applied Informatics

The symposium is aimed at theoretical and applied research in the fields of applied and theoretical informatics, distributed and parallel computing, computer processing of languages, information and communication systems, internet and multimedia, database systems, software design and object-oriented programming, education and other fields of applied informatics.

Young Scientists

The conference provides a forum for young researchers (mainly PhD students and postdocs) working in different research disciplines including chemistry, biology, biotechnology, physics, and informatics. They will all have an opportunity to present their work in animated oral or e-poster presentation sessions. The students with the best presentations and those with the best e-posters will be awarded. The conference encourages interdisciplinary and international communication among young researchers to facilitate collaborative research, networking, and knowledge transfer.

Publication options:

Proceedings

All submitted manuscripts will be published in the Conference Proceedings (CD-ROM). Each paper is limited to 5 pages. Please follow the manuscript template.

Extended deadline for manuscript / poster submission: until September 02, 2019.

or

Journals

Conference participants are invited to submit full research articles within the scope of the Conference to be published in the journals:

Nova Biotechnologica et Chimica (SCOPUS)

<https://content.sciendo.com/view/journals/nbec/nbec-overview.xml>

Journal of Applied Mathematics, Statistics and Informatics (WOS)

<https://content.sciendo.com/view/journals/jamsi/jamsi-overview.xml>

Under negotiation is the special issue of

International Journal of Environmental Science and Technology (IF 2,037)

<https://www.springer.com/environment/journal/13762>

Scientific Committee

Chair:

Sokol Jozef University of SS. Cyril and Methodius in Trnava, Slovak Republic

Members:

Beke Dóra University of West Hungary, Faculty of Agricultural and Food Sciences in Mosonmagyaróvár, Hungary

Benedetti Fabio University of Trieste, Italy

Boča Roman UCM in Trnava, Slovak Republic

Buszewski Bogusław Nicolaus Copernicus University in Torun, Faculty of Chemistry, Poland

Dočekalová Hana University of SS. Cyril and Methodius in Trnava, Slovak Republic

Horník Miroslav University of SS. Cyril and Methodius in Trnava, Slovak Republic

Janoš Pavel University of J.E. Purkyně, Ústí nad Labem, Czech Republic

Krajčovič Juraj University of SS. Cyril and Methodius in Trnava, Slovak Republic

Lesný Juraj University of SS. Cyril and Methodius in Trnava, Slovak Republic

Marček Chorvátová Alžbeta University of SS. Cyril and Methodius in Trnava, Slovak Republic

Matušíková Ildikó University of SS. Cyril and Methodius in Trnava, Slovak Republic

Miertuš Stanislav University of SS. Cyril and Methodius in Trnava, Slovak Republic

Moravčíková Jana Plant Production Research Centre, Piešťany, Slovak Republic

Pospíchal Jiří University of SS. Cyril and Methodius in Trnava, Slovak Republic

Schmidt Rezső University of West Hungary, Faculty of Agricultural and Food Sciences in Mosonmagyaróvár, Hungary

Trögl Josef University of J.E. Purkyně, Ústí nad Labem, Czech Republic

Volná Eva University of Ostrava, Czech Republic

Organizing Committee

Chair: Iveta Dirgová Luptáková

Vice-chair: Ildikó Matušíková

Technical chair: Miroslav Beňo

Members: Jana Moravčíková
Jana Jurinová
Eva Ūrgeová
Ján Rimarčík
Martin Valica
Mária Mešťánková
Magdaléna Mečiarová

Conference Fee

Regular participants € 220

Young researchers: (PhD students and postdocs under 35 years old) - active participants of the Young Scientists symposium € 120

Accompanying persons € 150

The conference fee covers:

- meals including conference dinner, coffee breaks
- book of abstracts, conference proceedings and access to the scientific sessions.

The registration will be restricted to 150 regular participants.

The organizers reserve the right to select participants if the conference is overbooked.

Deadline for Conference fee payment: June 30, 2019.

To be sent to:

Bank account No: 7000071900/8180
Bank: Štátna pokladnica
Bank address: Radlinského 32, 810 05 Bratislava
Account holder: Univerzita sv. Cyrila a Metoda v Trnave
Address: Nám. J. Herdu 2, 917 01 Trnava, Slovakia
IBAN: SK87 8180 0000 0070 0007 1900
Swift code: SPSRSKBA
Variable symbol: 25092019
Notes: Participant's name affiliation

Venue

Wellness Hotel Partizán ** Low Tatras**

HOTEL PARTIZAN**** is a family hotel located in a beautiful environment of the Low Tatras mountains at the south side of the Chopok peak.

Currently, the hotel is being run by Kič family who transformed it into a successful Wellness & Congress resort in the spirit of the motto "Hotel in the Forest, Forest in the Hotel". We provide accommodation, gastronomy, wellness and sport services at the highest level. Hotel Partizán is ranked among the hotels with the most hotel services in Slovakia and is well known for its effort to surprise hotel guests with something new every single time.

<https://www.partizan.sk/sk>

Accommodation

Accommodation for the participants of the Conference is offered at single and double bedrooms (the special price for participants):

Single room price: 134,70 € / night

Double room price: 146,70 € / night

The price includes accommodation, breakfast and free entrance to wellness.

For booking the room with special price, use the promo code: **ANS19**

Reservation available by e-mail: rezervacie@partizan.sk

Do not forget to use the promo code **ANS19**

Registration and abstract (online)

Deadline for registration and abstract submission: **June 30, 2019.**

Registration form is available on <https://ans2019.ucm.sk/registration>.

Please prepare your abstract according to the abstract template.

All submitted abstracts will be published in the Book of Abstract.

Abstract should be sent to: <https://easychair.org/conferences/?conf=ans2019>.

Notification of abstract acceptance before **Jul 19, 2019**.

Corresponding address:

ans2019@ucm.sk

Feel free to address us with your questions, special requests or needed problem solutions.

Conference Language:

English

Language of Abstract, Manuscript and e-Posters

English

Type of Presentation

Oral, e-Poster

For detailed information visit <https://ans2019.ucm.sk/>