



Society of Physical Chemists of Serbia

First Circular

PHYSICAL CHEMISTRY 2021

*15th International Conference on
Fundamental and Applied Aspects of
Physical Chemistry*

PC2021

The Conference is dedicated to the

30th Anniversary of the founding of the Society of Physical Chemists of Serbia

and

100th Anniversary of Bray-Liebavsky reaction

*Belgrade
20-24 September 2021*



PHYSICAL CHEMISTRY 2021

15th International Conference on Fundamental and Applied Aspects of Physical Chemistry

15th International Conference on Fundamental and Applied Aspects of Physical Chemistry or Physical Chemistry 2020 was not organized as planned on September 21-25, 2020, due to Covid 19 pandemic. With deep hope that next year will give us a chance to organize even better event, we invite you to participate in **Physical Chemistry 2021**.

*All registrations, paper submissions and registration fees submitted for **Physical Chemistry 2020** will be fully valid for **Physical Chemistry 2021**.*

In the case that pandemic or any other extreme event becomes the obstacle for physical realization of our meeting, we will organize virtual conference this time.

Presidency

of the Society of Physical Chemists of Serbia



PHYSICAL CHEMISTRY 2021

15th International Conference on Fundamental and Applied Aspects of Physical Chemistry

Organized by

The Society of Physical Chemists of Serbia (SPCS)



in co-operation with

Institute of Catalysis, Bulgarian Academy of Sciences



Boreskov Institute of Catalysis, Siberian Branch of Russian Academy of Sciences



and

Members of the University of Belgrade:



Faculty of Physical Chemistry



Institute of Chemistry, Technology and Metallurgy



VINČA Institute of Nuclear Sciences



Faculty of Pharmacy



and

Institute of General and Physical Chemistry, Belgrade





PHYSICAL CHEMISTRY 2021

Aim of the Conference

The 15th International Conference on Fundamental and Applied Aspects of Physical Chemistry "PHYSICAL CHEMISTRY 2021" is organized to bring together scientists from the domains of Physical Chemistry in order to exchange their recent experience and achievements, and to improve scientific co-operation.

The Organizing Committee has the pleasure of inviting you to participate at PHYSICAL CHEMISTRY 2021.

Language

The official language of the conference will be English.

Topics

- A** Chemical Thermodynamics
- B** Spectroscopy, Molecular Structure, Physical Chemistry of Plasma
- C** Kinetics, Catalysis
- D** Nonlinear Dynamics, Oscillatory Reactions, Chaos
- E** Electrochemistry
- F** Biophysical Chemistry, EPR Investigations of Bio-systems
- G** Organic Physical Chemistry
- H** Material Science
- I** Physical Chemistry of Condensed Phases, Solid State and Fluids
- J** Macromolecular Physical Chemistry
- K** Environmental Protection, Forensic Sciences, Geophysical Chemistry, Radiochemistry, Nuclear Chemistry
- L** Phase Boundaries, Colloids, Liquid Crystals, Surface-Active Substances
- M** Complex Compounds
- N** General Physical Chemistry
- O** Pharmaceutical Physical Chemistry
- P** Education, History
- Q** Food Physical Chemistry
- R** Physico-Chemical Analysis
- S** Photochemistry, Radiation Chemistry
- T** Free Topic

Contributed papers

The papers will be divided into oral presentation and posters. The Scientific Committee retains the option of deciding on the presentation form, based on the number/type of contribution, but will try to take into account the author's expressed preference.

Publication

All contributed papers accepted for the Conference, will be published in the Conference Proceedings. The plan is that the Scientific Committee will invite the Authors of selected papers to prepare original manuscripts for the publication in *the Russian Journal of Physical Chemistry A* and *Reaction Kinetics, Mechanisms and Catalysis* as regular articles, in accordance with journal practice



PHYSICAL CHEMISTRY 2021

International Organizing Committee

- Chairman:** S. Anić (Serbia)
Vice-chairman: M. Gabrovska (Bulgaria)
A. A. Vedyagin (Russia)
S. N. Blagojević (Serbia)
Members: N. Cvjetičanin (Serbia), S. M. Blagojević (Serbia), M. Daković (Serbia), J. Dimitrić-Marković (Serbia), T. Grozdić (Serbia), Lj. Ignjatović (Serbia), D. Jovanović (Serbia), M. Kuzmanović (Serbia), D. Marković (Serbia), B. Milosavljević (USA), M. Mojović (Serbia), N. Pejić (Serbia), M. Petković (Serbia), A. Popović-Bjelić (Serbia), B. Simonović (Serbia), M. Stanković (Serbia), B. Šljukić (Serbia), G. Tasić (Serbia), S. Veličković (Serbia), N. Vukelić (Serbia),

International Scientific Committee

- Chairman:** Ž. Čupić (Serbia)
Vice-chairman: V. Bukhtiyarov (Russia)
S. Todorova (Bulgaria)
B. Adnađević (Serbia)
Members: S. Anić (Serbia), A. Antić-Jovanović (Serbia), A. Azizoğlu (Turkey), R. Cervellati (Italy), G. Ćirić-Marjanović (Serbia), V. Dondur (Serbia), I. I. Grinvald (Russia), R. Jerala (Slovenia), M. Jeremić (Serbia), G. N. Kaluđerović (Germany), E. Kiš (Serbia), A.V. Knyazev (Russia), Lj. Kolar-Anić (Serbia), U. Kortz (Germany), T. Kowalska (Poljska), A. Lemarchand (France), G. Lente (Hungary), Z. Marković (Serbia), S. Mentus (Serbia), K. Novaković (UK), N. Ostrovski (Serbia), V. Parmon (Russia), Z. Petkova Cherkezova-Zheleva (Bulgaria), M. Plavšić (Serbia), J. Savović (Serbia), G. Schmitz (Belgium), I. Schreiber (Czech), L. Schreiberova (Czech), D. Stanisavljev (Serbia), N. Stepanov (Russia), M. Stojanović (USA), E. Szabó (Slovakia), Zs. Szakacs (Romania), Z. Šaponjić (Serbia), Á. Tóth (Hungary), M. Trtica (Serbia), V. Vasić (Serbia), D. Veselinović (Serbia), V. Vukojević (Sweden)

Local Executive Committee

- Chairman:** S. N. Blagojević
Vice-chairman: A. Ivanović-Šašić
N. Jović-Jovičić
A. Stanojević
Members: M. Ajduković, I. N. Bujanja, A. Dobrota, J. Dostanić, D. Dimić, S. Jovanović, Z. Jovanović, D. Lončarević, M. Kragović, J. Krstić, B. Marković, S. Maćešić, J. Maksimović, S. Marinović, V. Marković, D. Milenković, T. Mudrinić, M. Pagnacco, N. Potkonjak, B. Stanković, I. Stefanović, A. Stoiljković, M. Vasić



PHYSICAL CHEMISTRY 2021

Paper preparation

The authors are kindly asked to respect the all proposition of the paper. Otherwise, the paper will be immediately returned for technical revision before sending to reviewer. The proposition includes strict four-page limit for the regular papers and 8 pages limit for the invited papers (including abstract, introduction, results and discussion, and conclusion) in A4 format singly spaced. Margins of 4.85 cm on the top and bottom should be left and 4 cm on both right and left of the text. The paragraphs should be indented 5 mm, except the first one in each heading. The title should be centered at the first page of the manuscript and written in font 14 (Times New Roman) and in bold capital letters. The rest of the text should be in 12- point fonts (Times New Roman) justified. The author's names should be given as initials followed by surname: P. Petrović, I. N. Bubanja, C. B. Delgado, J. P. Hsu. Name of the corresponding author should be underlined and his/her e-mail address should be given with other affiliation details. The author's address (with indication of the corresponding University, where it is appropriate) should be given in italics. The title and names of authors should be followed by the abstract of the paper. The section titles of the paper should be typed in 12-point bold capital letters. References to the literature within text should be placed in square brackets: [1], [2], ..., and cited at the end of the text.

Illustration (tables, figures, photographs, etc.) must be inserted into the text as a picture with at least 300 dpi and no larger than 12.5cm width and 18cm height including the caption (please allow 12 pts for each line of caption text). Tables must stay within text margins, too. Table caption and number should be given above each table, centered. Figure captions should be given at the bottom of each figure. The style of table and figure captions should be identical. Figure lettering should be done in a character not smaller than 12 pt. in final version of figure.

Submission of paper to our Conference assumes that all coauthors are informed and that these results are not submitted or published in any other Conference or scientific journal in the same form. It is full responsibility of the corresponding author.

The papers should be submitted by e-mail (paper15@socphyschemserb.org) before May 31, 2021. The papers received after that deadline cannot be guaranteed the publication in the Conference Proceedings. The authors are limited to no more than three regular contributions and one invited lecture. Invited lectures will be printed in full-length (eight pages maximum).

Participants from Serbia are kindly recommended to include one line of the Acknowledgement.

File title should be based on the surname of the first author, and if you submit more than one paper with the same first author, than add some ordinal number, next, add preferred type of presentation (poster or oral) and finally a letter identifying one preferred section (eg. Petrovic_3_oral_J.doc).

Duration of presentation

Plenary lectures:	30 minutes
Section lectures:	20 minutes with discussion
Oral presentation:	10 minutes with discussion
Posters:	120 minutes Poster dimension should be 80 cm wide, 100 cm high

The Power Point presentation must be available on flash memory and prepared with Power Point. Optionally, laptop can be used. Overhead projector will be available.

Correspondence

For Registration:	registration15@socphyschemserb.org
For Paper:	paper15@socphyschemserb.org
For Information:	information@socphyschemserb.org

Deadline for Submission of papers for Proceedings: May 31. 2021



PHYSICAL CHEMISTRY 2021

Program

Conference Venue



Captain Misa's Building (Капетан Мишино Здање) Rectorate of University of Belgrade (Studentski trg 1) where on September 20 it will be held the Opening Ceremony and Plenary Lectures of the Conference.

Ilija M. Kolarac Foundation (Задужбина Илије М. Коларца) (Studentski trg 5) where Roundtable, Section Lectures and Ceremonial Assembly of the Society of Physical Chemists of Serbia will be on September 21.



The Natural Sciences Building located opposite to the Rectorate of the University of Belgrade (Studentski trg 12-16, Entrance C) where Registration Desk, Section Lectures, Oral and Poster Presentations of Conference will be on September 23 and 24.



PHYSICAL CHEMISTRY 2021

Registration

Registration desk will be located in the Natural Sciences Building, Faculty of Physical Chemistry, Entrance B and it will be opened during all time of the Conference, except the first day, when it will be at the entrance of the Rectorate.

Conference Events

University of Belgrade, Rectorate Building, Main Hall

Monday

20 September

Opening Ceremony and Plenary Lectures
(Starting from around 09:30)

Ilija M. Kolarac Foundation

Tuesday

21 September

**Round table, Section Lectures,
and Ceremonial Assembly**

Vinča archeological site near Belgrade

Wednesday

22 September

Excursion

Natural Sciences Building

Thursday

23 September

Section Lectures, Oral and poster Presentations

Friday

24 September

**Section Lectures, Oral and poster Presentations
Closing Session (at about 17:00)**

Tentative List of Invited Lecturers:

Ashkenasy Gonen
Dietrich Johannes
Drakulić Dunja
Jerala Roman
Kaluderović Goran N.
Kortz Ulrich
Kowalska Tereza
Lemarchand Annie
Mau Jochen
Morozova-Roche Ludmilla

Katarina Novakovic
Orlik Marek
Ostrovski Nikolaj
Schmitz Guy
Schreiber Igor
Stojanović Milan
Toth Agota
Vedyagin Aleksey
Zarić Snežana
Petkova Cherkezova-Zheleva Zara

List is not exhaustive)



PHYSICAL CHEMISTRY 2021

Financial Support or Registration Fee to Conference

Financial support of Conference organization would ensure free registration for a limited number of participants. For Institutional or other kinds of donor support, please consult the Organizing Committee: information@socphyschemserb.org

Registration fee or Financial Support

Before February 1, 2021

For members **130 EUR**

For non-members **150 EUR**

After deadline

For all Conference Participants 190 EUR

1.Domestic participants should use the following payment instruction:

The amount of local currency payments is calculated according to the daily exchange rate of EUR on the day of payment. For the pro-forma invoice please send request to the Organizing Committee at: information@socphyschemserb.org

Purpose of payment: Registration fee of the Conference

Beneficiary Customer: DRUŠTVO FIZIKOHEMIČARA SRBIJE, Studentski trg 12-16,
11000 Beograd, Serbia

Account of the Society: 200-2712770101033-69

2.Foreign participants should use the following payment instructions:

Intermediary Bank:

Name: DEUTSCHE BANK AG
Address: Frankfurt am MAIN
SWIFT code: DEUTDEFF

Beneficiarys Bank:

EUR
Name: BANKA POŠTANSKA ŠTEDIONICA AD
Address: 11000 Beograd, Serbia
SWIFT code: SBPORSBG

Beneficiary Customer:

IBAN number: RS35200271277010100362
Name: DRUŠTVO FIZIKOHEMIČARA SRBIJE
Address: Studenski trg 12-16, 11000 Beograd, Serbia

Remark for all Conference Participants:

The Conference Organizer does not recognize Banking Services.



PHYSICAL CHEMISTRY 2021



Dear colleagues
Welcome to Belgrade