

*Third Circular*

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**PHYSICAL CHEMISTRY 2014**

*12th International Conference on  
Fundamental and Applied Aspects of  
Physical Chemistry*



**BELGRADE**  
22-26 September 2014



# PHYSICAL CHEMISTRY 2014

*12th International Conference on  
Fundamental and Applied Aspects of  
Physical Chemistry*

*Organized by*

*The Society of Physical Chemists of  
Serbia*

*in co-operation with*

*Institute of Catalysis Bulgarian Academy of Sciences*

*and*

*Borekov Institute of Catalysis Siberian Branch of  
Russian Academy of Sciences*

*and*

*University of Belgrade, Serbia:*

*Faculty of Physical Chemistry*

*Institute of Chemistry,  
Technology and Metallurgy*

*Vinča Institute, Serbia*

*Faculty of Pharmacy*

*and*

*Institute of General and Physical Chemistry*



# PHYSICAL CHEMISTRY 2014

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## International Organizing Committee

**Chairman:** S. Anić (Serbia)  
**Vice-chairman:** M. Gabrovska (Bulgaria)  
V. A. Sadykov (Russia)

### Members:

N. Cvjetičanin (Serbia), S. N. Blagojević (Serbia), M. Daković (Serbia), T. Grozdić (Serbia), D. Jovanović (Serbia), M. Kuzmanović (Serbia), D. Marković (Serbia), J. Marković-Dimitrić (Serbia), B. Milosavljević (USA), M. Mojović (Serbia), N. Ostrovski (Serbia), I. Pašti (Serbia), M. Petković (Serbia), A. Popović-Bjelić (Serbia), B. Simonović (Serbia), D. Stanisavljev (Serbia), B. Šljukić (Serbia), N. Vukelić (Serbia), V. Vukojević (Sweden)

## International Scientific Committee

**Chairman:** Ž. Čupić (Serbia)  
**Vice-chairmans:** V. N. Parmon (Russia)  
S. Rakovsky (Bulgaria)

### Members:

B. Adnađević (Serbia), S. Anić (Serbia), A. Antić-Jovanović (Serbia), G. Bačić (Serbia), A. Kelarakis (Greece), R. Cervellati (Italy), V. Dondur (Serbia), Ivan Gutman (Serbia), S. D. Furrow (USA), K. Hedrih (Serbia), M. Jeremić (Serbia), A. V. Knyazev (Russia), Lj. Kolar-Anić (Serbia), V. Kuntić (Serbia), Z. Marković (Serbia), S. Mentus (Serbia), Š. Miljanić (Serbia), M. Perić (Serbia), M. Plavšić (Serbia), D. M. F. Santos (Portugal), G. Schmitz (Belgium), I. Schreiber (Czech), P. Sevcik (Slovakia), B. C. Simionescu (Romania), N. Stepanov (Russia), D. Todorović (Serbia), M. Trtica (Serbia), V. Vasić (Serbia), D. Veselinović (Serbia)

## Local Executive Committee

**Chairman:** S. Blagojević  
**Vice-chairmans:** A. Ivanović-Šašić

### Members:

P. Banković, N. Bošnjaković, J. Dostanić, A. Đerić, A. Ignjatović, A. Jović, N. Jović-Jovičić, D. Lončarević, J. Krstić, J. Maksimović, V. Marković, M. Milenković, S. Maćešić, V. Marković, B. Nedić, N. Potkonjak, D. Ranković, M. Stević, M. Žunić, M. Ristić,

## Aim of the Conference

The 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry "**PHYSICAL CHEMISTRY 2014**" is organized to bring together scientists from all 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 2014**.



# PHYSICAL CHEMISTRY 2014

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## Scientific program

The Conference will include plenary and section lectures delivered by invited foreign and national scientists, as well as oral and poster presentations. The following tentative topics will be covered during the Conference:

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| <b>A.</b> Chemical Thermodynamics   | <b>H.</b> Material Science   |
| <b>B.</b> Spectroscopy<br>Molecular Structure<br>Physical Chemistry of Plasma                                 | <b>I.</b> Solid State Physical Chemistry   |
| <b>C.</b> Kinetics<br>Catalysis   | <b>J.</b> Macromolecular Physical Chemistry  |
| <b>D.</b> Nonlinear Dynamics  | <b>K.</b> Environmental Protection<br>Forensic Sciences<br>Pharmaceutical Physical Chemistry |
| <b>E.</b> Electrochemistry  | <b>L.</b> Phase Boundaries   |
| <b>F.</b> Biophysical Chemistry<br>EPR Investigations of bio-systems<br>Photochemistry<br>Radiation Chemistry | <b>M.</b> Complex Compounds  |
| <b>G.</b> Radiochemistry<br>Nuclear Chemistry   | <b>N.</b> General Physical Chemistry   |
|   | <b>O.</b> Geophysical Chemistry  |
|   | <b>P.</b> Education<br>History   |
|   | <b>R.</b> Free Topic   |

## Tentative List of Invited Lecturers:

### Plenary Lectures

- M. Anisimov (Russia)
- S. D. Furrow (USA)
- I. Gutman (Serbia)
- A. Kelarakis (UK)
- S. Macura (USA)
- V. N. Parmon (Russia)
- M. Perić (Serbia)
- I. Schreiber (Czech)
- B. C. Simionescu (Romania)

### Section Lectures

- R. Cervellati (Italy)
- K. Hedrih (Serbia)
- A. V. Knyazev (Russia)
- V. Lutsyk (Russia)
- N. Ostrovski (Serbia)
- S. Rakovsky (Bulgaria)
- D. M. F. Santos (Portugal)
- G. Schmitz (Belgium)
- N. Stepanov (Russia)
- A. Taylor (UK)
- V. Vukojević (Sweden)

*(List is not exhaustive)*



# PHYSICAL CHEMISTRY 2014

## 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.

## Paper preparation

The authors are asked to respect the **strict four-pages** limit for the papers (including abstract, introduction, results and discussion, and conclusion) in single-spaced A4 format. Top and bottom margins should be 4.85 cm and left and right margins should be 4 cm. The title should be 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). The affiliations and addresses of all authors should be given in italics. References to the literature within text should be placed in square brackets: [1], [2], ..., and cited at the end of the text. References: [1] G. Petrov, Raman Spectrosc., 2003, **34**, 160-167.

The papers should be submitted electronically by e-mail ([paper12@socphyschemserb.org](mailto:paper12@socphyschemserb.org)) before **May 15, 2014**. For the papers received after that deadline the publication in the Conference Proceedings cannot be guaranteed. The authors are limited to no more than three contributions and one invited lecture. Invited lectures (*Plenary* and *Section lectures*) will be printed in full-length (eight pages).

## Duration of presentation

<i>Plenary lectures:</i>	45 minutes
<i>Section lectures:</i>	30 minutes (25-minute presentation followed by 5 minutes of discussion)
<i>Oral presentation:</i>	15 minutes (10- minute presentation followed by 5 minutes of discussion)
<i>Posters:</i>	60 minutes. Poster dimension should be 80 cm wide, 100 cm high

## Language

The official language of the conference will be English

## 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 and Chemical Industry and Chemical Engineering Quarterly / CICEQ*** as regular articles, in accordance with journal practice.

## Deadlines

Submission of papers

**May 15, 2014.**



## PHYSICAL CHEMISTRY 2014

**Financial Support** to 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](mailto:information@socphyschemserb.org)

### Registration fee or Participant's financial support

*For all participants*

**160 EUR**

The registration fee will cover participation at Conference, Proceedings, coffee breaks and cocktail.

### Domestic participants should use the following payment instructions:

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](mailto:information@socphyschemserb.org)

**Purpose of payment:** For financial support of the Conference  
**Beneficiary Customer:** DRUŠTVO FIZIKOHEMIČARA SRBIJE, Studenski trg 12-16, 11000 Beograd, Serbia  
**Account of the Society:** 200-2712770101033-69

### 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

### Correspondence

*For Registration:* [registration12@socphyschemserb.org](mailto:registration12@socphyschemserb.org)  
*For Paper:* [paper12@socphyschemserb.org](mailto:paper12@socphyschemserb.org)  
*For Information:* [information@socphyschemserb.org](mailto:information@socphyschemserb.org)



## PHYSICAL CHEMISTRY 2014

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**Conference Venue** Rectorate Building of the Belgrade University, Studentski trg 1

### **Accommodation**

The number of hotels is available near the Conference venue:

<http://www.hoteli-Srbije.co.rs/beograd.htm>

*Dear colleagues*  
*Welcome to Belgrade*