

Tenth Jubilee National Conference on Chemistry

2019 International Year of the Periodic Table of Chemical Elements

House of Science and Technology
Federation of the Scientific Engineering Unions
26–28 September 2019, Sofia, Bulgaria



150 year anniversary



150th anniversary



100th anniversary



Circular

Principal organizer
Union of Chemists in Bulgaria



<http://10ncc.unionchem.org>

INVITATION

Governing board members of the Union of Chemists in Bulgaria extend a cordial invitation to all scientists, lecturers, teachers, and students in the field of chemistry to participate in the Tenth Jubilee National Conference on Chemistry to be held at House of Science and Technology of the Federation of Scientific Engineering Unions, Sofia (Bulgaria), from 26th to 28th September 2019. This event is dedicated to the 150 year anniversary of the Periodic table of chemical elements, 150th anniversary of the Bulgarian Academy of Sciences, and centennial anniversary of the International Union of Pure and Applied Chemistry.

ORGANIZATION

Institutions

Union of Chemists in Bulgaria, Federation of the Scientific Engineering Unions in Bulgaria, Union of Scientists in Bulgaria, Bulgarian Academy of Sciences, St. Kliment Ohridski University of Sofia, University of Chemical Technology and Metallurgy, Sofia, Paisiy Hilendarski University of Plovdiv, Prof. Dr. Asen Zlatarov University of Burgas, Konstantin Preslavski University of Shumen, Neofit Rilski Southwest University of Blagoevgrad, University of Food Technologies, Plovdiv, Agrarian University, Plovdiv

Honorary Committee

I. Gutzow, I. Juchnovski, D. Klissurski, P. Kralchevsky, A. Popov, Ch. Tsvetanov

Scientific Committee

Chairman: D. L. Tsalev

Members: V. Bankova, M. Bogdanov, M. Bojinov, L. Boyadjiev, N. Denkov, V. Dimitrov, M. Georgiev, K. Hadjiivanov, G. Kadinov, D. Kashchiev, N. Koseva, S. Nenkova, Y. Ninov, L. Petrov, I. Pozharliev, I. Rashkov, T. Spassov, S. Stoilov, R. Stoyanova, A. Tafrova-Grigorova, Tz. Tzvetkoff, I. Valchev, E. Vasileva, E. Zhecheva

Organizing Committee

Chairman: V. Beschkov

Scientific Secretaries: Ch. Bonev, I. Havezov

Secretaries: A. Kamusheva, V. Neychev

Conference Organizer



Company for International Meetings Ltd. (<http://www.cim.bg>)

LANGUAGE

Official languages of the conference are Bulgarian and English.



SYMPOSIUM TITLES AND CHAIRS

- | | |
|--|---------------------------|
| 1. Physical chemistry and electrochemistry | M. Bojinov, Tz. Tzvetkoff |
| 2. Organic chemistry and pharmacy | V. Dimitrov |
| 3. Inorganic chemistry and technology | R. Stoyanova, E. Zhecheva |
| 4. Analytical chemistry | D. Tsalev |
| 5. Catalysis | G. Kadinov |
| 6. Chemical engineering and environmental protection | V. Beschkov |
| 7. Biobased and synthetic polymers and bioproducts | N. Koseva, S. Nenkova |
| 8. Chemistry education | A. Tafrova-Grigorova |

GENERAL SCOPE

The Tenth Jubilee National Conference on Chemistry is organized under the motto '2019 International Year of the Periodic Table of Chemical Elements'. The main objective of the conference is to discuss research and innovation in all fields of chemistry related to smart, sustainable, and inclusive growth, with emphasis on the latest developments in chemistry and relation to health, clean energy, and environment. Multidisciplinary topics concerned with theoretical chemistry, chemical engineering, physics, earth and life sciences will be strongly encouraged. High-level scientific contributions including basic research and industrial applications will be particularly appreciated. Innovations in the chemicals sector will be supported that lead to the development of advanced materials (such as hybrid and lightweight materials, materials for tissue engineering, self-cleaning surfaces, and energy recovery and storage), and advanced process technologies that enable more flexible production with more efficient use of energy, feedstock, and water. Contributions to improved recycling and increased use of renewable feedstock will also be considered.

Papers on the following topics are invited: agrochemistry – fertilisers and pesticides; analytical chemistry; catalysis; ceramics and silicate chemistry; chemical engineering; chemistry education; computational chemistry and molecular modelling; electrochemistry; environmental protection; food chemistry, green energy, inorganic chemistry; management in chemical industries; mineral processing; natural products; nanomaterials; new materials; organic chemistry; organometallics chemistry; polymer chemistry and technology; petrochemistry; pharmaceuticals; physical chemistry; polymer chemistry and technology; pulp and paper technology; radiochemistry; solid state chemistry; supramolecular chemistry; textile and leather chemistry.

SCIENTIFIC PROGRAMME

The programme of the conference will consist of invited lectures (40 min), keynote lectures (30 min), oral presentations (15 min), and posters. Flash oral presentations (5 min) of students' posters are optional. Keynote lectures and oral presentations will be organized in parallel sessions. Posters will be presented within 2-h poster sessions. Poster boards of w70×h90-cm size will be available.

CONTRIBUTIONS

Selection of oral and poster presentations will be based on half-page (A4) abstracts. New methods, approaches, and applications will be encouraged. Contributions should comply with the scope of the conference. Submissions should be made online using the registration form available on the website: <http://10ncc.unionchem.org>. The reviewing process will be carried out online via the internet. After evaluation of the contributions, the programme will be made available on the conference website. By request of the authors, selected full-text papers of conference contributions will be published in a special issue of the journal Bulgarian Chemical Communications (<http://bcc.bas.bg>).

BOOK OF ABSTRACTS

A book of abstracts and a printed programme will be handed out to the participants upon registration at the conference site.

REGISTRATION FEE AND PAYMENT

A conference ticket for participants includes attendance, welcome reception drink, book of abstracts and conference programme, coffee, and refreshments (BGN):

early payment	170
payment after 15th July 2019	200

Payments by bank transfer to the following account are acceptable:

Bank name and mailing address: UniCredit Bulbank, 8 Aksakov St., 1000 Sofia, Bulgaria
Attention: Union of Chemists in Bulgaria
IBAN: BG68UNCR96601018407500
BIC: UNCRBGSF

Please, mention names and registration code in the following way: first name, last name, registration code (ID: username).

VENUE

The conference will be held at House of Science and Technology, Federation of the Scientific Engineering Unions, 108 G. Rakovski St., 1000 Sofia, Bulgaria. Please visit the site at <http://www.fnts.bg>.

ACCOMMODATION

A very wide range of accommodation will be available. Please, contact conference organizer on the website of the event: <http://10ncc.unionchem.org>.



KEY DATES

30th May 2019	Submission of abstracts
15th July 2019	Early payment
15th September 2019	Final programme on the website
26th September 2019	Welcome to 10NCC

CONTACTS

Prof. V. Beschkov, DSc
Chairman of the Organizing Committee
Institute of Chemical Engineering, Bulgarian Academy of Sciences
Akad. G. Bonchev St., Bldg. 103, 1113 Sofia, Bulgaria
tel: +359-2-8702088, fax: +359-2-8707523
e-mail: bioreac@bas.bg

Assoc. Prof. Ch. Bonev, PhD
Scientific Secretary
Institute of Catalysis, Bulgarian Academy of Sciences
Akad. G. Bonchev St., Bldg. 11, 1113 Sofia, Bulgaria
tel: +359-2-9792591, fax: +359-2-9712967
e-mail: bonev@ic.bas.bg

Dr. A. Kamusheva
Secretary
Faculty of Chemistry and Pharmacy
St. K. Ohridski University of Sofia
1 James Bourchier Blvd., 1164 Sofia, Bulgaria
tel: +359-2-8161248, fax: +359-2-9625438
e-mail: akamusheva@chem.uni-sofia.bg

Assoc. Prof. V. Neychev, PhD
Secretary
Union of Chemists in Bulgaria
108 G. Rakovski St., 1000 Sofia, Bulgaria
tel/fax: +359-2-9875812

INSTRUCTIONS FOR PREPARATION OF ABSTRACTS

Half-page abstracts in English (A4, 25 lines) with single spacing will only be considered. Use a Times New Roman font and margins of 2.5 cm from left and right. Title should be a 12-pt bold font. Author(s) names should be typed by a 10-pt regular font. The name of the presenting author should be underlined. Affiliation(s) should be 10-pt italics. Add a fax number and e-mail address of presenting author on a separate line (10 pt, italics). Leave one empty line (12 pt) after title, one line (10 pt) after author(s) names and two lines (10 pt) after affiliation(s). Authors should also use a 10-pt regular font for body text. Tables and figures will not be accepted. Files should be saved as doc or docx format.