



Twelfth National
Conference on Chemistry

Twelfth National Conference on Chemistry

Chemistry for building a decarbonized society

University of Chemical Technology and Metallurgy
25–27 September 2025, Sofia, Bulgaria

140th Anniversary
of Federation of the Scientific Engineering Unions in Bulgaria

Circular

Principal organizers



Union of Chemists in Bulgaria



Federation of the Scientific
Engineering Unions in Bulgaria

<https://12ncc.unionchem.org>

INVITATION

Governing board members of the Union of Chemists in Bulgaria extend a cordial invitation to all scientists, lecturers, teachers, and learners in the field of chemistry to participate in Twelfth National Conference on Chemistry to be held at University of Chemical Technology and Metallurgy, Sofia, Bulgaria from 25th to 27th September 2025.

ORGANIZATION

Institutions

Ministry of Education and Science, 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

V. Bankova, N. Denkov, K. Hadjiivanov, I. G. Ivanov, I. Juchnovski, T. Spassov, Ch. Tsvetanov

Scientific Committee

Chair: D. L. Tsalev
Members: Ch. Balarew, M. Bogdanov, E. Boiadjieva, V. Bojinov, R. Bryaskova, V. Delchev, V. Dimitrov, A. Ivanova, G. Kadinov, D. Kashchiev, M. Kirova, G. Madjarova, P. Petrov, I. Rashkov, I. Shopov, E. Slavcheva, I. Spiridonov, R. Stoyanova, A. Tafrova-Grigorova, S. Terzieva-Zhelyazkova, B. Toshev, I. Valchev, E. Vasileva, G. Vayssilov, E. Zhecheva

Organizing Committee

Chair: V. Beschkov
Scientific Secretary: Ch. Bonev
Secretaries: A. Kamusheva, V. Neychev
Members: G. Chernev, V. Pandzherova

Conference Organizer

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

LANGUAGE

Official languages of the conference are Bulgarian and English.



SYMPOSIA TITLES AND CHAIRS

- | | |
|--|------------------------------------|
| 1. Physical chemistry and electrochemistry | G. Madjarova |
| 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, Ch. Bonev |
| 6. Chemical engineering and environmental protection | V. Beschkov |
| 7. Biobased and synthetic polymers and bioproducts | R. Bryaskova, I. Spiridonov |
| 8. Chemistry education | A. Tafrova-Grigorova,
M. Kirova |

GENERAL SCOPE

Twelfth National Conference on Chemistry is organized under the motto 'Chemistry for building a decarbonized society'. 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. In this connection, investigations of clean hydrogen production and decarbonizing energy, chemistry for green energy, green lifestyle, and recycling and reuse will be strongly encouraged. Multidisciplinary topics concerned with theoretical chemistry, chemical engineering, physics, earth and life sciences are also recommended. Challenges and solutions to industrial catalysis 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 increased use of renewable feedstock will also be considered. Special emphasis is given to chemistry education related to science for economic and social prosperity. Papers on the following fields are invited: analytical chemistry; catalysis; ceramics and silicate chemistry; chemical engineering; chemistry education; electrochemistry; environmental protection; food chemistry, green energy, inorganic chemistry; natural products; nanomaterials; new materials; organic chemistry; organometallics chemistry; polymer chemistry and technology; petrochemistry; pharmaceuticals; physical chemistry; pulp and paper technology; radiochemistry; solid state chemistry; textile and leather chemistry.

SCIENTIFIC PROGRAMME

Conference program will consist of invited lectures (45 min), keynote lectures (30 min), oral presentations (15 min), and poster presentations. 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.

CONTRIBUTIONS

Selection of oral and poster presentations will be based on half-page (A4) abstracts. New methods, processes, and applications will be encouraged. Contributions should comply with the main topics of the conference. Submissions should be made online using the registration form available on the website: <https://12ncc.unionchem.org>. Reviewing process will be carried out online. After evaluation, the programme will be made available on conference website. By request of the authors, selected full-text papers of conference contributions will be published in the journal Bulgarian Chemical Communications (<http://bcc.bas.bg>) and in the journal Natural Science and Advanced Technology Education (<https://science.azbuki.bg>).

Book of Abstracts

Reprints of book of abstracts and programme will be handed out to the participants upon registration at the conference venue. Electronic copy of the book of abstracts will be available for each registered participant on the conference site by using his/her own password.

Instructions for Abstract Preparation

Half-page abstracts in English of A4 paper size (25 lines) with single spacing will be accepted. Contributors should 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 marked by asterisk (*). Affiliation(s) should be 10 pt italics. E-mail address of presenting author should be added on a separate line (10 pt, italics). One empty line (12 pt) should be left 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 are not acceptable. Files should be saved as docx or doc format.

Authors should use A0 format (84.1×118.9 cm) to prepare poster presentations.

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	200
payment after 15th July 2025	250

Payments by bank transfer to the following account are acceptable:

Bank name and mailing address: UniCredit Bulbank, 7 Sveta Nedelia Sq., 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

University of Chemical Technology and Metallurgy, 8 St. K. Ohridski Blvd., 1756 Sofia, Bulgaria (<https://uctm.edu/en/>)

Chemistry for building a decarbonized society

ACCOMMODATION

A very wide range of accommodation will be available. Please contact conference organizer on the website of the event: <https://12ncc.unionchem.org>.

KEY DATES

15th June 2025	Abstract submission
15th July 2025	Early payment
15th September 2025	Final programme on the website
25th September 2025	Welcome to 12NCC

CONTACTS

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