



*Thirteenth International Symposium  
on Heterogeneous Catalysis  
Catalysis innovations*



*First International Conference on  
Electron Magnetic Resonance Applications*

*1-5 September 2024, Burgas, Bulgaria*

# *Circular*



*Bulgarian Catalysis Society  
Bulgarian EPR Society  
Institute of Catalysis  
Bulgarian Academy of Sciences*

<https://13symp.sciconf.eu/>

## *INVITATION*

International Symposium on Heterogeneous Catalysis held in Bulgaria is one of the oldest European scientific forums in the field of catalysis organized since 1967 by Bulgarian catalysis community and later by Institute of Catalysis of the Bulgarian Academy of Sciences. From 1992, Bulgarian Catalysis Society, being European Federation of Catalysis Societies (EFCATS) collective founder and member, is symposium co-organizer. Forthcoming International Conference on Electron Magnetic Resonance Applications (EMARA) is a successor of the International Workshop on Electron Magnetic Resonance of Disordered Systems and one of the oldest European Scientific meetings in the field of EMR spectroscopy. Bulgarian Catalysis Society, Bulgarian EPR Society, and Institute of Catalysis extend a formal invitation to learners, engineers, and scientists in the academic and industrial community to participate in 13<sup>th</sup> International Symposium on Heterogeneous Catalysis and 1<sup>st</sup> International Conference on Electron Magnetic Resonance Applications to take place at Bulgaria Hotel, Burgas (Bulgaria) from 1<sup>st</sup> to 5<sup>th</sup> September 2024.

## *GENERAL TOPICS*

Forthcoming symposium will concentrate mainly on catalysis for clean hydrogen production and decarbonizing energy, electrocatalysis for green energy, catalysis to green lifestyle, green photocatalysis, catalyst recycling and reuse, and challenges and solutions to industrial catalysis. Topics from related fields, such as theoretical chemistry, reaction kinetics, and reaction mechanisms will also be encouraged. High-level scientific contributions including applied research will be particularly appreciated. EPR conference will be focused on EMR research in the fields of chemistry (catalysis, metal complexes, polymers), biology and medicine, dosimetry, geology, mineralogy, archaeology, environmental control, petroleum industry, food technology, quantitative EPR, and EMR instrumentation (new methods and advanced techniques).

## *SCIENTIFIC PROGRAMME*

Official language of both events is English. The programme will consist of invited lectures (45 min), oral presentations (20 min), and poster sessions. All the presentations should be related to innovative studies. Posters for a proper 2-h session will be mounted within scheduled day.

### *Preliminary time schedule*

Sunday, 1<sup>st</sup> September: Registration (EPR conference 2–3 September)  
Monday, 2<sup>nd</sup> September: Opening ceremony, Invited lectures, Oral presentations, Poster session, Cocktail  
Tuesday, 3<sup>rd</sup> September: Invited lectures, Oral presentations, Sightseeing tour  
Wednesday, 4<sup>th</sup> September: Invited lectures, Oral presentations, Poster session, Dinner (optional)  
Thursday, 5<sup>th</sup> September: Invited lectures, Oral presentations, Poster session, Closing ceremony

## *CONTRIBUTIONS*

Selection of the presentations will be based on two-page abstracts. New methods, processes, and applications will be encouraged. Contributions should comply with the main topics of the scientific events. Submissions should be made online using the registration form available on the website. Reviewing process will be carried out online. After evaluation, the programme will be made available on the website. Electronic copies of the contributions will be disseminated on the site. By author's request, full text of contributions will be published in a peer-reviewed journal.

### *Instructions for preparation of abstracts*

Two-page abstracts of A4 format with single spacing will be accepted. Contributors should use a Times New Roman font and margins of 2.5 cm from left, right, and bottom and 4 cm from top. Title should be a 14-pt bold font. Author(s) names should be typed by a 12-pt regular font. The name of the presenting author should be marked by asterisk (\*). Affiliation(s) should be 10 pt italics. One empty line (14 pt) should be left after title, one line (12 pt) after author(s) names, and one line (10 pt) after affiliation(s). A fax number and an e-mail address of presenting author should be added on a separate line (10 pt, italics). Authors should also use a 12-pt regular font for body text. Tables, figures, and references may be used for the manuscripts. For this purpose, a 10-pt regular font should be used. Files should be saved as docx or doc format. Authors should use A0 format (84.1 × 118.9 cm) to prepare poster presentations.

*Advanced research to sustainable industry*

## *ORGANISATION*

Principal organisers of Thirteenth International Symposium on Heterogeneous Catalysis and First International Conference on Electron Magnetic Resonance Applications are Bulgarian Catalysis Society and Bulgarian EPR Society, respectively. Institute of Catalysis of the Bulgarian Academy of Sciences is co-organiser of both events. Symposium/conference organiser is the Congress Management & Events Ltd. company.

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### *Symposium/Conference Organiser*

Congress Management & Events Ltd. ([www.cmebg.com](http://www.cmebg.com))



### *SYMPOSIUM/CONFERENCE FEE (VAT included, EUR)*

|                        | Before 15th June 2024<br>full event/2&3 Sept | After 15th June 2024<br>full event/2&3 Sept |
|------------------------|--|---|
| Academic participant   | 520/320                                      | 790/480                                     |
| Industrial participant | 630/380                                      | 950/580                                     |
| Student                | 440/270                                      | 660/410                                     |

Symposium/conference fee covers access to oral and poster sessions, welcome reception, coffee breaks, refreshments, programme and abstracts, and sightseeing tour.

### *ACCOMMODATION*

A wide range of accommodation will be available. Please contact event organiser on the website.

### *VENUE*

Both events will be held at Bulgaria Hotel, Burgas, Bulgaria (<https://www.bulgaria-hotel.com/en>).

## *KEY DATES*

|            |                                    |
|------------|------------------------------------|
| 01.05.2024 | Submission of abstracts            |
| 20.05.2024 | Notification of acceptance         |
| 31.07.2024 | Submission of poster presentations |
| 01.08.2024 | Preliminary scientific programme   |
| 01.09.2024 | On-site registration               |
| 02.09.2024 | Symposium and conference opening   |

## *CONTACTS*

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