

*Eleventh International Symposium
on Heterogeneous Catalysis*



6-9 September 2015, Varna, Bulgaria

organized by



*Institute of Catalysis
Bulgarian Academy of Sciences*

Bulgarian Catalysis Club

Circular

<http://11symp.ic.bas.bg>

INVITATION

The Institute of Catalysis of the Bulgarian Academy of Sciences (<http://www.ic.bas.bg>) and the Bulgarian Catalysis Club extend a cordial invitation to all scientists in the field of catalysis to participate in the Eleventh International Symposium on Heterogeneous Catalysis to be held at Riviera Holiday Club in Varna (Bulgaria) from 6th to 9th of September 2015. This event is a satellite of the Twelfth European Congress on Catalysis, 30 August – 4 September 2015, Kazan, Russia, <http://www.europacat2015.com>.

ORGANIZATION

INTERNATIONAL ADVISORY COMMITTEE

Yahia ALHAMED	King Abdulaziz University, Jeddah, Saudi Arabia
Mohamed AL-HAZMI	Saudi Basic Industries Corporation, Riyadh, Saudi Arabia
Abdulrahim ALZHRANI	King Abdulaziz University, Jeddah, Saudi Arabia
Donka ANDREEVA	Institute of Catalysis, Bulgarian Academy of Sciences, Sofia, Bulgaria
Alexis T. BELL	University of California, Berkeley, USA
José Maria Corrêa BUENO	Federal University of São Carlos, São Carlos, Brazil
Robert R. BURCH	The Queen's University of Belfast, Belfast, United Kingdom
Gabriele CENTI	European Research Institute of Catalysis, University of Messina, Messina, Italy
Sonia DAMYANOVA	Institute of Catalysis, Bulgarian Academy of Sciences, Sofia, Bulgaria
Mohammad DAOUS	King Abdulaziz University, Jeddah, Saudi Arabia
Andras ERDOHELY	University of Szeged, Szeged, Hungary
Konstantin HADJIIVANOV	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences, Sofia, Bulgaria
Dimitar G. KLISSURSKI	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences, Sofia, Bulgaria
Johannes A. LERCHER	Technical University of Munich, Garching, Germany
Can LI	Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China
Gianluca LI PUMA	Loughborough University, Loughborough, United Kingdom
Martin MUHLER	Ruhr-Universität Bochum, Bochum, Germany
Dmitry Yu. MURZIN	Åbo Akademi University, Turku, Finland
Valentin N. PARMON	Boreskov Institute of Catalysis, Novosibirsk, Russia
Vasile I. PARVULESCU	University of Bucharest, Bucharest, Romania
Philippe SAUTET	Institute of Chemistry, University of Lyon, Lyon, France
Bert M. WECKHUYSSEN	Utrecht University, Utrecht, The Netherlands

LOCAL ORGANIZING COMMITTEE

Chairman:	Lachezar PETROV, King Abdulaziz University, Jeddah
Secretary:	Chavdar BONEV, Institute of Catalysis, Sofia
Treasurer:	Ivan MITOV, Institute of Catalysis, Sofia
Members:	Zara CHERKEZOVA-ZHELEVA, Institute of Catalysis, Sofia
	Alexander ELIYAS, Institute of Catalysis, Sofia
	Tanya HRISTOVA, Institute of Organic Chemistry with Centre of Phytochemistry, Sofia
	Vasko IDAKIEV, Institute of Catalysis, Sofia
	Lyuba ILIEVA, Institute of Catalysis, Sofia
	Krasimir IVANOV, Agricultural University, Plovdiv
	Georgi KADINOV, Institute of Catalysis, Sofia
	Mariya MILANOVA, Sofia University, Sofia
	Anton NAYDENOV, Institute of General and Inorganic Chemistry, Sofia
	Slavcho RAKOVSKY, Institute of Catalysis, Sofia
	Mariya STOYANOVA, Plovdiv University, Plovdiv
	Tatyana TABAKOVA, Institute of Catalysis, Sofia
	Silviya TODOROVA, Institute of Catalysis, Sofia
	Georgi TYULIEV, Institute of Catalysis, Sofia

GENERAL SCOPE

The main goal of the symposium is to provide an opportunity for scientists to meet and discuss recent developments in catalysis, especially all fields of heterogeneous catalysis related to innovative and current topics, with emphasis on the latest developments and relation to everyday life. Multidisciplinary topics with related fields, such as theoretical chemistry, chemical engineering, and physics, will be strongly encouraged. High-level scientific contributions including basic research and industrial requirements will be particularly appreciated. The forthcoming conference will concentrate chiefly on problems of environmental protection (air and wastewaters), petrochemistry (C₁-C₃ paraffin activation, clean hydrogen production, CO₂ utilization), Fischer-Tropsch synthesis, and photocatalysis.

SCIENTIFIC PROGRAMME

The programme of the symposium will consist of invited lectures (45 min, discussion included), oral presentations (15 min, discussion included) and poster sessions. All the presentations should be related to recent and innovative studies. Posters will be mounted within one conference day for a 2-h poster session. Portrait-oriented poster boards of 200(h)×100(w)-cm size will be available.

Preliminary time schedule

Sunday,	6 September		Registration
Monday,	7 September	Morning:	Opening ceremony, invited lectures
		Afternoon:	Oral presentations, poster session
		Evening:	Welcome reception
Tuesday,	8 September	Morning:	Invited lectures
		Afternoon:	Oral presentations, poster session
Wednesday,	9 September	Morning:	Invited lectures, 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 scope of the conference. Submissions should be made online using the registration form available on conference website: <http://11symp.ic.bas.bg>. The 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 at the conference site. 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>).

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.

CONFERENCE FEE (VAT included, 20%, EUR)

	Before 1st July 2015	After 1st July 2015
Academic participant	380	430
Industrial participant	430	500
Student	180	230
Accompanying person	220	220

Conference fee covers hall rentals, welcome reception, coffee, refreshments, three lunches, conference programme and abstracts

ACCOMMODATION

A wide range of accommodation will be available during the conference. Please contact the conference organizer on the website of the symposium, <http://11symp.ic.bas.bg>

VENUE

The conference will be held at Riviera Holiday Club, Golden Sands, near Varna, Bulgaria, <http://www.rivierabulgaria.com/?lang=en>

KEY DATES

15.04.2015	Submission of abstracts
15.05.2015	Notification of acceptance
01.07.2015	Preliminary scientific programme
06.09.2015	On-site registration
07.09.2015	Conference opening

CONFERENCE ORGANIZER



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

CONTACTS

Prof. L. A. Petrov, DSc
SABIC Chair of Catalysis
Chemical and Materials Engineering Department
College of Engineering, King Abdulaziz University
P.O. Box 80204, Jeddah 21589
Kingdom of Saudi Arabia
Tel: +966-2-6400000, ext. 68039, fax: +966-2-6952257
E-mail: lpetrov@kau.edu.sa; petrov@ic.bas.bg

Assoc. Prof. Ch. Bonev, PhD
Institute of Catalysis
Bulgarian Academy of Sciences
1113 Sofia, Bulgaria
Tel: +359-2-9792591
Fax: +359-2-9712967
E-mail: bonev@ic.bas.bg

Prof. A. Naydenov, PhD
Institute of General and Inorganic Chemistry
Bulgarian Academy of Sciences
1113 Sofia, Bulgaria
Tel: +359-2-9792536
Fax: +359-2-8705024
E-mail: naydenov@svr.igic.bas.bg