

Math/Chem/Comp 2017

29th MC² Conference

The 29th International Course and Conference on the Interfaces among Mathematics, Chemistry and Computer Sciences (Math/Chem/Comp, MC²-29) will be held on **June 19–25, 2017, in Dubrovnik, Croatia** under the joint auspices of the Inter-University Center, Dubrovnik, Croatia, the University of Zagreb, and the Rudjer Bošković Institute, Zagreb, Croatia.

The 1st Circular

CONFERENCE BOARD

Director: Hrvoj Vančik, Professor of Chemistry, University of Zagreb, Croatia

Co-director: Jerzy Cioslowski, Professor of Physics, University of Szczecin, Poland

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HONORARY COMMITTEE

Aleksandru Balaban, Mircea Diudea, Ivan Gutman, Edward Kirby, Milan Randić, Nenad Trinajstić, Tomislav Živković, Zlatko Meić

VENUE

MC²-29 will be held in Dubrovnik on 19–25 June, 2017. Dubrovnik is situated on Adriatic Coast in the southern part of the Republic of Croatia and, in recognition of its beauty, has been designated by UNESCO as a world heritage site. The venue of the meeting will be the Inter-University Centre (IUC) located at don Frana Bulica 4 (in the vicinity of the western gate [Vrata od Pila]) of the Old City.

CONFERENCE SCOPE AND SCIENTIFIC PROGRAM

Since 1986, the Math/Chem/Comp meetings have been bringing together researchers working on diverse subjects spanning mathematics, computer science, and chemistry. In continuation of this tradition, presentations concerning all aspects of current research on computer modeling, combinatorics, graph theory, and topology applied to any area of chemistry, physics, material and life sciences will be welcomed. The conference program will include invited plenary and special lectures workshops and posters. In particular, the MC²-29 meeting will revolve around the following topics:

1. Mathematical chemistry and chemical graph theory;
2. Mathematical methods and computational algorithms in modeling of atoms, molecules, and chemical processes;
3. Molecular modeling in practice (including molecular dynamics and aggregation);
4. Chemical experiments and mathematical interpretation
5. Philosophy of Chemistry

SCIENTIFIC PROGRAM

The conference program will include invited lectures, contributed oral presentations, and posters.

SPECIAL EVENT

The first session of the Conference will be dedicated to the **70th birthday of Professor Ivan Gutman**, one of the establishers of chemical graph theory and MathChemComp conference series.

Workshops

A series of courses is also to be held.

Poster Sessions

REGISTRATION AND ABSTRACT

Participants may register and submit abstracts by e-mail to the director of the conference at the address:

vancik@chem.pmf.hr

Conference website:

<http://www.pmf.unizg.hr/chem/mathchemcomp>

Registration submission deadline: April 15, 2017.

The abstract template will be available on the conference website.

Abstract submission deadline: May 15, 2017.

Abstracts in other formats will not be accepted.

POSTERS

The recommended dimensions of the posters are 90×120 cm (16.5"×22"). All posters to be presented should include a conference logo (available on the conference website), concise title, names and complete addresses of authors with indication of the author presenting the poster.

PROCEEDINGS

The papers presented at the MC²-29 meeting will be published as a special issue of *Croatica Chemica Acta*.

All contributions will be refereed. The participants are encouraged to submit their manuscripts before the meeting or at the latest upon arrival in Dubrovnik. Those unable to attend are invited to send their manuscripts to the director of the conference.

REGISTRATION FEE

The conference registration fee includes the following:

- admission to all scientific sessions
- conference materials
- coffee or juice at breaks
- welcome drink
- guided sightseeing city tour
- IUC reception party

Registration fee

Before April 15, 2017: 180.00 € (80.00 € for students*) + 25% VAT.

After April 15, 2017: 200.00 € (100.00 € for students*) + 25% VAT.

Accompanying persons: 100.00 € + 25% VAT.

*Conference participants without Ph. D. degrees. A letter from the undergraduate mentor or the Ph.D. advisor is required.

Payment

Bank transfer to:

BANK NAME: Zagrebačka banka d.d.

BANK ADDRESS: Paromlinska 2, 10000 Zagreb, Croatia

IBAN: HR5823600001101522208

SWIFT/BIC CODE: ZABHR2X

ACCOUNT HOLDER: Sveučilište u Zagrebu Prirodoslovno-matematički fakultet, Horvatovac 102A, 10000 Zagreb

ACCOUNT NAME: Math.Chem.Comp.

Name of the participant is required!

THE DIRECTOR

All correspondence concerning the meeting should be addressed to:

Prof. Hrvoj Vančik

Department of Chemistry, Faculty of Sciences and Mathematics,

University of Zagreb

Horvatovac 102A, 10000 Zagreb, Croatia phone: 385 1 4606 400; fax: 385 1 4606 401

e-mail: vancik@chem.pmf.hr

ACCOMMODATION AND TRANSPORTATION

The participants are urged to make reservations as soon as possible as the number of rooms is limited and Dubrovnik is a popular tourist destination. Information regarding reservations of accommodation and other tourist matters can be obtained by e-mailing to:

Mrs. Danijela Štrman danijela.strman@gulliver.hr

The participants can also make their hotel reservations directly by applying to:

Hotel "LERO" (AX, EC/MC, DC, VISA)

Phone: +385 20 332 022 fax: +385 20 332 123

E-mail: luka@hotel-lero.hr

Website: www.hotel-lero.hr

The city of Dubrovnik can be reached by air from Zagreb and most of the European cities, by bus coaches from Zagreb, Rijeka and Split, by boat from the ports of Rijeka and Split, or by boat from Italy.

The participants are responsible for booking of accommodation and transportation. The conference organizers cannot assume any responsibility for these matters.

Registration Form

Conference website: <http://www.pmf.unizg.hr/chem/mathchemcomp>

Accommodation info: <http://www.iuc.hr/private-accomodation.php>

<http://www.iuc.hr/hotels.php>

danijela.strman@gulliver.hr

Please send filled form to e-mail: vancik@chem.pmf.hr

Title and Attendee's Name:

Institution and VAT number:

Address of Institution:

E-mail:

Attending Workshop:

Oral presentation

Poster presentation

JOINT CONFERENCE

Adriatic NMR Conference

17-19 June 2017

Vila Koruna, Mali Ston
Croatia

Chair: Professor Predrag Novak, Department of Chemistry, Faculty of Sciences and Mathematics, University of Zagreb

Information: pnovak@chem.pmf.hr

or on the web-site: <http://adriatic-nmr-conference.chem.pmf.hr/>

Registration fee for the participants interested to attend both Conferences (MC² and Adriatic NMR)

Before April 15, 2017: 230.00 € (1000.00 € for students*) + 25% VAT.

After April 15, 2017: 250.00 € (120.00 € for students*) + 25% VAT.

Accompanying persons: 100.00 € + 25% VAT.