EUROPEAN WORKSHOP ON FOUNDATION OF INFORMATICS (FOI-2015)

Organizers:

Institute of Mathematics and Computer Science of the Academy of Sciences of Moldova
Taras Shevchenko National University of Kyiv, Ukraine
East Computers, SRL, Chisinau, Moldova
in cooperation with
Tiraspol State University, Chisinau, Moldova
Information Society Development Institute, Chisinau, Moldova

August 24 – 29, 2015
Chisinau, Moldova

Second Announcement

This *workshop* on Foundations of Informatics, to be followed up next year by the FOI-2016 *conference*, aims to bring together researchers from East and West Europe and worldwide by adding synergy to their endeavors to lay down and foster the research on the *foundations* of computer science also known as *informatics*. Other goals of this workshop are to prepare the FOI-2016 Conference and to discuss about the plan to organize an annual FOI conference to be organized in Moldova or in another country going forward. A number of round tables are planned, to provide an open debate on the state of the art and new directions of research and cooperation, as well as on the action items required for the renaissance of the East Europe research in this domain.

FOI-2015 intends to bring more focus on the foundational aspect of informatics treated by mathematical methods, but it invites any original contributions to this domain, including but not limiting to:

- theory of information,
- theory of computing,
- theoretical issues in artificial intelligence,
- theoretical issues in automated reasoning,
- theoretical aspects of software system development,
- logics in informatics, databases, and artificial intelligence,
- data mining and knowledge discovery,
- knowledge representation,
- semantic technologies,
- natural language processing,
- formal languages and automata,
- cryptography and security,
- neural networks,
- natural computing,
- soft computing.

All accepted papers will be published in the workshop proceedings. The selected papers will be published in "Computer Science Journal of Moldova (CSJM)".

The workshop will consist of plenary presentations and discussions on chosen topics.
Working language is English.

Organizing Committee:

Chair:

Svetlana Cojocaru, Director of Institute of Mathematics and Computer Science of the Academy of Sciences of Moldova
co-Chairs: *Mykola Nikitchenko (Kyiv, Ukraine)* and *Ioachim Drugus (Chisinau, Moldova).*

Program Committee:

Artiom Alhazov (Chisinau, Moldova), Alexei Averkin (Moscow, Russia), Bruno Buchberger (Linz, Austria), Gabriel Ciobanu (Iasi, Romania), Constantin Ciubotaru (Chisinau, Moldova), Alexander Colesnicov (Chisinau, Moldova), Constantin Gaindric (Chisinau, Moldova), Ievgen Ivanov (Kyiv, Ukraine), Tudor Jebelean (Linz, Austria), Alexander Lyaletski (Kyiv, Ukraine), Galina Magariu (Chisinau, Moldova), Maurice Margenstern (Paris, France), Gheorghe Paun (Bucharest, Romania), Vladimir Rogojin (Turku, Finland),Victor Scerbacov (Chisinau, Moldova),Serghei Verlan (Paris, France)

Invited Speakers:

Acad. Solomon Marcus, Honorary member of "Simion Stoilow" Institute of Mathematics
of the Romanian Academy of Sciences
Acad. Gheorghe Paun, Senior researcher of "Simion Stoilow" Institute of Mathematics
of the Romanian Academy of Sciences

Registration:
To register, please fill the <u>registration form</u> and send it by email to <u>foi2015@math.md</u>, with the subject "Registration form".
A 10% reduction to hotel room price will be applied for early registrants by May 31, 2015 (see "Important dates")

Submission details:
Please, prepare your paper using CSJM templates (<u>template.tex</u>, <u>template.ps</u>, <u>csjmol.sty</u>, <u>CSJM.rar</u> on <u>http://www.math.md/en/publications/csjm/instructions-authors/</u>), with one page approximating A5 size, and submit it electronically to <u>foi2015@math.md</u> with subject "FOI Paper". Please, limit to 8-16 pages in English, and start with a succinct statement of the problem, the results achieved, their significance and comparison with previous works (if any), as well as a list of references. The submissions should also include: title of the proposed paper, authors names, affiliations, addresses, name of an author to contact for correspondence, the e-mail address of the contact author, topics which best describe the paper (max. 5 keywords).

Important dates:
Early registration Deadline: May 31, 2015
Paper Submission Deadline: June 19, 2015
Acceptance notification: June 29, 2015
Registration Deadline: July 15, 2015
Workshop: August 24 – 29, 2015

Participation fees:
90 Euro - full fee
150 MDL (around 7.5 Euro) - reduced fee for Ukrainean, Romanian and Moldovan participants due to support from sponsors
No fee – Invited Speakers and PhD researchers.

Other expenses:
25 – 31 Euro per night at hotel with 10% reduction for early registrants. Also *free* student hostel rooms are available in Chisinau 20-30 minutes driving distance to workshop's location. Our bus will pick up participants who stay in hostel and bring to the restaurant for the breakfast at workshop's location before sessions.

Venue:
Vadul lui Voda is a beautiful resort located at a 23 km distance from Chisinau, capital city of Moldova. This is a popular resort on Dniester river, where participants will combine work and relaxation. For details see <u>http://www.vatraelita.md/eng/</u> or <u>http://virtualtur.md/ro/point/vatra-elita/</u> (Hotel&TouristResort „VATRA"). Please, communicate with us regarding registration at hotel rather than directly with hotel, so that the price reduction apply and other arrangements are followed.

Social program:

Our sponsors will facilitate our informal communication by several activities:

- Each evening they will arrange an outing to nature or in a summer-house, depending on weather, with Moldovan barbeque, wines and cognacs – except one evening or late afternoon, when they organize a special event (see the next).
- Moldova is a worldwide known wine making country with two largest wine cellars in the World (<u>http://www.cricova.md/en/</u>, and <u>http://www.milestii-mici.md/en/about-us</u>), where the second one is listed in *Guinness World Records Book*. These are two underground cities with wine brands names of streets, like "Cabernet", "Aligote" – each city with around 200 km total length of streets . The participants of the workshop visiting Moldova will participate in a car tour of one of these cellars, ending with lunch in a restaurant of the winery and a program of tasting selected wines to learn the art of *degustation* of wines. The participants will also take home a small collection of samples of selected wines.
- On August 29, the day of departure, you will be invited for a tour by bus of Chisinau City with a stop for purchasing souvenirs manufactured by Moldovan artists.

Contacts: E-mail: <u>foi2015@math.md</u>, Phone: +373 22 738110, Fax: +373 22 738027
Web-site: <u>http://foi.math.md/</u>

For inquiries, please. contact Dr.Galina Magariu by phone: +373 22 738110 or E-mail: <u>galina.magariu@math.md</u>, or the co-Chair Ioachim Drugus by phone +37369979938 or E-mail: <u>ioachim.drugus@math.md</u>.