**Conference on Mathematical Foundations of Informatics (MFOI-2017)**
**November 9 – 11, 2017, Chisinau, Moldova**

**Organizers:**

Institute of Mathematics and Computer Science of the Academy of Sciences of Moldova

Taras Shevchenko National University of Kyiv, Ukraine

University of Academy of Sciences of Moldova

Call for Papers

The *Mathematical Foundations of Informatics* (MFOI) annually organized eventbrings together the mathematicians, computer scientists and IT professionals and adds synergy to their endeavors to lay down the mathematical foundations for computer science, also known as *informatics*. The previous edition can be found here <http://www.mfoi.eu/conf2016/>. Also you can visit the homepage of the current edition here: <http://mfoi2017.math.md/> or here <http://mfoi.eu/conf2017/> .

All the accepted papers will be published in the Proceedings of the Conference, which will be handed over to the participants on the *first day* of the conference. The selected papers will be also published after the conference in the CSJM (Computer Science Journal of Moldova – indexed in Mathematical Reviews, [Zentralblatt MATH](https://zbmath.org/journals/), MathSciNet, DBLP, DOAJ, EBSCO) or in the Bulletin of Academy of Sciences of Moldova, ser. Mathematics (indexed in Mathematical Reviews, Zentralblatt MATH, SCImago Journal Rank (SJR), Russian RZh Matematika).

Any original contributions are welcome, including but not limiting to:

* theory of computing (including membrane computing and other biologically inspired models),
* 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.

 A special session in commemoration of **Prof. Yuri Rogozhin** will be held in the frame of conference.

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

**Submission details:**

Please send your paper to mfoi@math.md with subject "MFOI Paper"

**Requirements to papers:**

Your paper is required to be 1-4 pages in English (one page approximating A5 size, i.e. about 800 words), and using the MFOI templates ([MFOI2017\_template\_A5.doc](http://mfoi.eu/conf2016/files/MFOI2016_template_A5.doc), [mfoi2017\_template.tex](http://mfoi.eu/conf2016/files/mfoi2016_template.tex), [mfoi2017\_template.pdf](http://mfoi.eu/conf2016/files/mfoi2016_template.pdf), [mfoi2017.sty](http://mfoi.eu/conf2016/files/mfoi2016.sty), [Template\_MFOI\_2017.zip](http://mfoi.eu/conf2016/files/Template_MFOI_2016.zip)).

Please, start with a succinct statement of the problem, present your results, their significance and a comparison with previous works (if any), as well as a list of references. The submissions should also include: the title of proposed paper, author's names, affiliations, addresses, the name of an author to contact for a possible correspondence, the e-mail address of the contact author, and topics which best describe the paper (max. 5 keywords).

**Registration**:
Registration is just to give us notice that you intend to participate, which will help to properly plan this event. In particular, upon registration we will discuss with you about hotel room options and reservation. **No payments** are required at this stage - all payments are to be made on arrival. Please fill the attached registration form and email it to mfoi@math.md with the message’ subject “Registration form”. We encourage that you register by the time you book your travel tickets, which for *economy purposes must be at an* ***early stage***. In this case, please, indicate in your Registration form a *tentative title* of your paper.

**Important dates**:

Paper Submission Deadline: October 10, 2017

Acceptance notification: October 20, 2017

Registration Deadline: October 25, 2017

Conference: November 9-11, 2017

**Participation Fee:**

25 Euro (to be paid on arrival in EUR, USD, or MDL)

No fee – Invited Speakers and PhD students.

**Venue**: Institute of Mathematiccs and Computer Science of Academy of Sciences of Moldova, Academiei str., 5, Chisinau, Republic of Moldova

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