

# SCHEDULE

(According to Chişinău Time Zone)

## Friday, October 15

### REGISTRATION:

**9.00 – 10.00**      **Vladimir Andrunachievici Institute of Mathematics and Computer Science**  
Address: 5, Academiei str., Chişinău, room 340

### Plenary Lectures

**10.00 – 10.30**      **Diana Inkpen**  
*Natural Language Processing for Book Recommender Systems*

**10.30 – 11.00**      **Sergey Verlan**  
*Efficient hardware implementations of membrane computing models*

**11.00 – 11.30**      **Volodimir G. Skobelev**  
*On Symbolic Models Based on Markov Chains*

**11.30 – 12.00**      **BREAK**

### SECTION 1

**Moderator: Cor. Mem. Constantin GAINDRIC**

**12.00 – 12.15**      **Constantin Gaindric, Sergiu Şandru, Sergiu Puiu, Olga Popcova, Iulian Secieru and Elena Guţuleac.**  
*Advanced pre-hospital triage based on vital signs in mass casualty situations*

**12.15 – 12.30**      **Tatiana Verlan, Svetlana Cojocaru and Constantin Gaindric**  
*Considerations on the Artificial Intelligence strategies*

**12.30 – 12.45**      **Corina-Elena Iftinca, Adrian Iftene and Georgiana Coca**  
*Artificial Intelligence in Dentistry: Teeth Classification*

**12.45 – 13.00**      **Petru Bogatencov, Grigore Secieru, Boris Hîncu and Nichita Degteariov**  
*Development of computing infrastructure for support of Open*

*Science in Moldova*

**13.00 – 13.15**      **Veaceslav Albu**  
*The Plirophoria: The Missing Puzzle of the Ultimate Picture of the Universal Information*

**13.15 – 14.00**      **BREAK**

**SECTION 2**

**Moderator: Dr. Inga ȚIȚCHIEV**

**14.00 – 14.15**      **Alexander Lyaletski, Olena Glazunova, Bella Golub and Vitalii Klimenko**  
*On Kyiv Approaches to Knowledge Testing in E-learning*

**14.15 – 14.30**      **Teodora Cătălina Calarasu and Adrian Iftene**  
*Virtual Reality FantasyShooter*

**14.30 - 14.45**      **Inga Țițchiev**  
*Collaborative learning modelled by Hierarchical Petri nets*

**14.45 - 15.00**      **Alexandr Parahonco and Mircea Petic**  
*Generation and use of educational content within adaptive learning*

**15.00 – 15.15**      **Alexandru Popa**  
*GeomSpace, an Interactive Geometry Software for Arbitrary Dimensional Euclidean and non--Euclidean Spaces*

**15.15 - 15.30**      **Olesea Caftanator, Tudor Bumbu, Lucia Erhan, Iulian Cernei, Veronica Iamandi, Vasile Lupu, Daniela Caganovschi and Mihai Curmei.**  
*Discover the Moldovan Cultural Heritage through e-Moldova Portal by Using Crowdsourcing Concept*

**15.30 – 16.00**      **BREAK**

**SECTION 3**

**Moderator: Cor. Mem. Svetlana COJOCARU**

**16.00 - 16.15**      **Alexandru Colesnicov, Ludmila Malahov, Svetlana Cojocaru and Liudmila Burtseva**  
*On XML Standards to Present Heterogeneous Data and*

*Documents*

- 16.15 - 16.30**      **Tudor Bumbu**  
*On Classification of 17th Century Fonts using Neural Networks*
- 16.30 - 16.45**      **Ioachim Drugus, Tudor Bumbu, Victoria Bobicev, Victor Didic, Alina Burduja, Alexandr Petrachi and Victoria Alexei**  
*Punctilog: a New Method of Sentence Structure Representation*
- 16.45 – 17.00**      **Ashti Afrasyaw, Sema Koç Kayhan**  
*A Brief Overview of Kurdish Natural Language Processing*
- 17.00 – 17.15**      **Ababii Victor, Sudacevschi Viorica, Munteanu Silvia, Alexei Victoria, Melnic Radu, Turcan Ana and Struna Vadim**  
*Cognitive Distributed Computing System Based on Temporal Logic*
- 17.15 – 17.30**      **Ion Bolun**  
*Hamilton full favoring apportionments*
- 17.30 – 17.45**      **Victor Shcherbacov, Valentina Demidova, Chernov Vladimir and Malyutina Nadeghda**  
*Groupoids up to isomorphism of order three with some Bol-Moufang identities*