

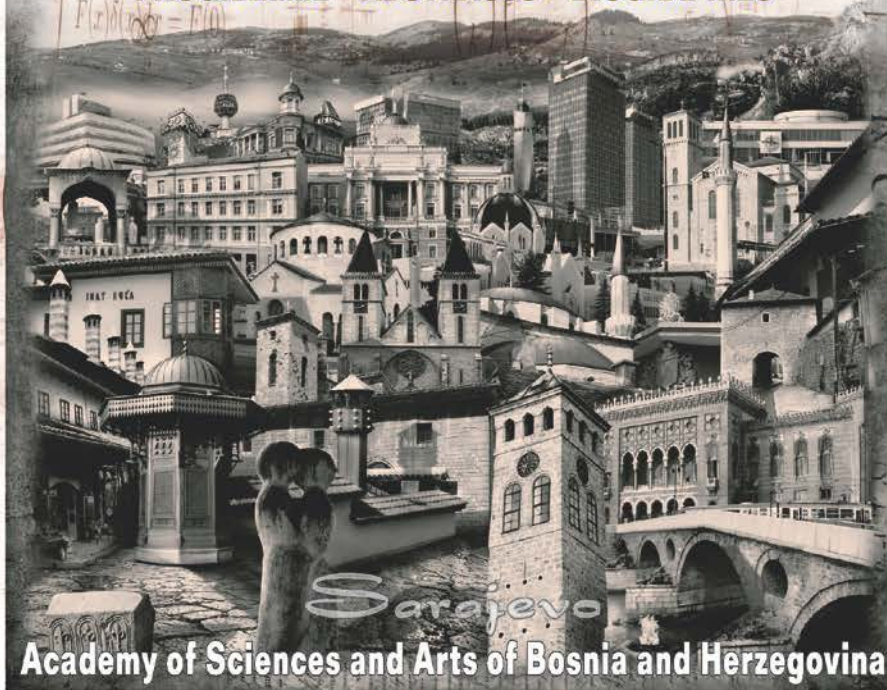


АКАДЕМИЈА НАУКА И УМЈЕТНОСТИ БОСНЕ И ХЕРЦЕГОВИНЕ
АКАДЕМИЈА НАУКА И УМЈЕТНОСТИ БОСНЕ И ХЕРЦЕГОВИНЕ
ACADEMY OF SCIENCES AND ARTS OF BOSNIA AND HERZEGOVINA

International Scientific Conference

MODERN ALGEBRA AND ANALYSIS AND THEIR APPLICATIONS

PROGRAMME • ABSTRACTS • BIOGRAPHIES



Academy of Sciences and Arts of Bosnia and Herzegovina

September 20-22, 2018

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ACADEMY OF SCIENCES AND ARTS OF BOSNIA AND HERZEGOVINA
DEPARTMENT OF NATURAL SCIENCES AND MATHEMATICS

**INTERNATIONAL SCIENTIFIC CONFERENCE
„MODERN ALGEBRA AND ANALYSIS AND
THEIR APPLICATIONS”**

Sarajevo
Academy of Sciences and Arts of Bosnia and Herzegovina
September 20-22, 2018

PROGRAMME

SARAJEVO, 2018

FRIDAY, SEPTEMBER 21, 2018
Amphitheater of the Academy of Sciences and Arts of Bosnia and Herzegovina
Bistrik 7, 71000 Sarajevo

- 8:30-9:00 **Registration of participants**
- 9:00-9:30 **Opening speeches**
- 9:30-9:50 **Prof. Dr. Vlastimil Dlab F.R.S.C.**
Carleton University, Ottawa, CA
“Semigroup algebras of inverse semigroups”
- 9:50-10:10 **Prof. Dr. Alain Escassut, Monique Chicourra**
Department of Mathematics, University Clermont Auvergne, Aubiere, FR
“Banach algebras of ultrametric Lipschitzian functions”
- 10:10-10:30 **Academician Stevan Pilipović, et al.**
Department of Mathematics and Informatics, University of Novi Sad, Novi Sad, RS
“On the convolution in the non-quasi-analytic class of ultradistributions”
- 10:30-10:50 **Prof. Dr. Viacheslav A. Artamonov**
High Algebra Department, Lomonosov Moscow State University, Moscow, RU
“Polynomially complete quasigroups and their application in cryptography”
- 10:50-11:20 **COFFEE BREAK**
- 11:20-11:40 **Prof. Dr. Mirjana Vuković, corresponding member of ANUBiH**
Department of Natural Sciences and Mathematics, Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo, BA
“From Krasner's corpoïd and Bourbaki's graduations to Krasner's graduations and Krasner-Vuković's paragraduations”
- 11:40-12:00 **Prof. Dr. Irina N. Balaba, Prof. Dr. Alexander V. Mikhalev**
Department of Mathematics, Physics and Information Technologies, Tula State Lev Tolstoy Pedagogical University, Tula, RU;
High Algebra Department, Lomonosov Moscow State University, Moscow, RU
“Graded division rings”
- 12:00-12:20 **Prof. Dr. Nadiya Gubareni**
Institute of Mathematics, Częstochowa University of Technology, Częstochowa, PL
“Mixed matrix problems in the theory of representations”
- 12:20-12:40 **Prof. Dr. Alexander E. Guterman**
Lomonosov Moscow State University, Moscow, RU
“On the values of permanent function”
- 12:40-14:00 **LUNCH**

- 14:00-14:20 **Prof. Dr. Alexei Pantchichkine**
Institute Fourier, University Grenoble-Alpes, Gières, France, FR
“Constructions of p -adic L -functions and admissible measures for Hermitian modular forms”
- 14:20-14:40 **Prof. Dr. Nikolay I. Dubrovin**
Vladimir State University, Vladimir, RU
“Automorphisms of the module formal sums”
- 14:40-15:00 **Prof. Dr. Svjetlana Terzić, corresponding member of CANU**
University of Montenegro, Podgorica, ME
“On rational homotopy of the based loops on compact homogeneous spaces”
- 15:00-15:20 **Prof. Dr. Mirna Džamonja**
University of East Anglia, Norwich, GB
“Logic of chains”
- 15:20-16:00 **DISCUSSION and CLOSING REMARKS**