

The 9-th International Algebraic Conference in Ukraine

The 9-th International Algebraic Conference in Ukraine took place on July 8–13, 2013 in Lviv. The conference was organized jointly by the Ivan Franko National University of Lviv, Pidstryhach Institute for Applied Problems of Mechanics and Mathematics (PIAPMM) of the National Academy of Sciences of Ukraine, Kyiv National Taras Shevchenko University, and Institute of Mathematics of National Academy of Sciences of Ukraine.

The director of the PIAPMM of the National Academy of Sciences of Ukraine, Corresponding member of the NAS of Ukraine, Professor R. Kushnir and Dean of Department of Mechanics and Mathematics of the Ivan Franko National University of Lviv, Professor M. Zarichnyi were the Co-heads of the Organizing Committee, the Head of Chair of Algebra and Logic of the Ivan Franko National University of Lviv, Professor M. Komarnytskyi and Chairman of the Department of Algebra, Professor V. Petrychkovych were the Vice-head of the Committee. Professor V. Shchedryk was the Secretary of the Committee.

Professor Yu. Drozd (Kyiv) was the Head of the Program committee. The following is the list of the Program committee members: V. Arnautov (Chisinau), V. Artamonov (Moscow), O. Artemovich (Kraków), C. Baginski (Białystok), T. Banakh (Lviv), V. Bavula (Sheffield), A. Bovdi (Debrecen), F. Coelho (Sao Paulo), M. Chernikov (Kyiv), F. Couchot (Caen), V. Dlab (Ottawa), N. Dubrovin (Vladimir), V. Futorny (Sao Paulo), R. Grigorchuk (Texas), A. Ivanov (Wrocław), W. Holubowski (Gliwice), A. Kashu (Chisinau), M. Kilp (Tartu), V. Kirichenko (Kyiv), U. Knauer (Dusseldorf), I. Kozhukhov (Moscow), J. Krempa (Warsaw), L. Kurdachenko (Dnipropetrovsk), Ja. Lavrenyuk (Kyiv), A. Laurinchikas (Shyaulyai), F. Lyman (Sumy), V. Lyubashenko (Kyiv), W. McGovern (Bowling Green), A. Mikhalev (Moscow), B. Novikov (Kharkiv), J. Okninski (Warsaw), A. Ol'shanskii (Nashville), D. Osin (Nashville), A. Petravchuk (Kyiv), I. Protasov (Kyiv), E. Puczyłowski (Warsaw), P. Ruzicka (Prague), V. Sergejchuk (Kyiv), V. Sharko (Kyiv), L. Shemetkov (Gomel), I. Shestakov (Sao Paulo), I. Subbotin (Los Angeles), V. Sushchansky (Gliwice), J. Trlifaj (Prague), A. Tuganbaev (Moscow), P. Varbanets (Odessa), R. Wiegand (Lincoln), V. Yanchevskii (Minsk), B. Zabavsky (Lviv), M. Zaicev (Moscow), E. Zelmanov (San Diego), J. Zemlicka (Prague).

The Opening ceremony was held in the Assambley Hall of the Ivan Franko National University of Lviv.

Before the beginning of the conference the book of abstracts of the participants was published (see the electronic version on the website <http://www.iapmm.lviv.ua/iacu2013/index.html>).

There were 159 participants of the Conference: 12 from Belarus, 8 from Russia, 7 from each of Poland, Moldova and the United States, 4 participants from Lithuania, 3 from Brazil, 2 from the Czech Republic, one participant from each of England, the United Arab Emirates, Hungary, Germany and India. The largest delegation was from Ukraine, specifically, 34 participants from Lviv, 26 from Kyiv, 8 from Dnipropetrovsk, 4 from Uzhgorod and Lugansk, 3 from Mykolayiv and Ivano-Frankivsk, 2 participants from Donetsk, Odessa, Slovyansk, Kamyanetz-Podilsk, Kharkiv, Sumy, one of Khmelnytskyi, Kremenchuh, Kirovohrad, Lutsk, Irpin, Vinnytsia and Sevastopol.

The work of the Conference was organized in the following Topical Sections:

1. Representations and Linear algebra.
2. Group Theory and Algebraic Dynamics.
3. Rings and Modules.
4. Algebraic Geometry and Number Theory.
5. Algebraic Topology and Topological Algebra.
6. Model Theory and Applied Algebra.
7. Semigroups, Quasigroups, S-acts and other Algebraic Systems.

The scientific part of the conference was opened with the Fields Medal laureate lecture, Professor Efim Zel'manov (University of California, San Diego) "Infinite Dimensional Super-algebras".

There were 21 plenary (45 min.) and 104 section (25 min., 15 min.) talks.

Representative algebraic conferences were a tradition since the days of the Soviet Union. Actually, the conferences summed up and determined the main directions of development of algebra over the next two years. In the post-Soviet times, this tradition remained only in Ukraine.

The comprehensive scientific program of the conference was combined with a rich social program. Numerous museums, galleries, exhibitions hospitably opened their doors to the conference participants and did not leave anyone indifferent. The walking tour of the historic sites of the ancient city of Lviv was very informative. The impression of it was not spoiled even by abundant rain.

It was announced that the 10-th International Algebraic Conference in Ukraine is scheduled for the summer of 2015 in Odessa at the I. I. Mechnikov National University.

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