Առաջին միջազգային
Հանրահաշվի եւ երկրաչափության գիտաժողով
Երեւան, Հայաստան, մայիս 16-20, 2007

The First International
Algebra & Geometry Conference
Yerevan, Armenia, May 16-20, 2007

The conference:
The conference is devoted to a variety of topics in algebra, geometry, topology, their applications and related fields. The aim of the conference is to invite well known researchers working in these fields to Armenia, and to establish contacts between them and the scientists working in these fields in Armenia. Also, the Conference is a good chance for students and post graduate students interested in algebra, geometry, topology to meet senior researchers in algebra and geometry.

Organizers:
The Yerevan State University
Armenian State Pedagogical Univerity

Supporters:
The Fund for Research Mathematics: http://math.sci.am/rm_fund.html
Armenian State Pedagogical Univerity

The Program Committee:
Alexander Olshanskii, Vanderbilt University, Nashville, USA
Victor Pambuccian, Arizona State University, Phoenix, USA
Hamlet Mikaelian, Armenian State Pedagogical University, Armenia
Ara Alexanian, Yerevan State University, Armenia
Yuri Movsisyan , Yerevan State University, Armenia
Vardan Piliposyan , Yerevan State University, Armenia
Samuel Dalalyan , Yerevan State University, Armenia
Varujan Atabekyan, Yerevan State University, Armenia
Vahagn Mikaelian, Yerevan State University, Armenia

Invited Speakers:
Sergei Ivanov, University of Illinois, Urbana, USA
Anton Klyachko, Moscow State University, Moscow, Russia
Vladimir K. Leontev, Computing Center of the Russian Academy of Sciences
Alexander Olshanskii, Vanderbilt University, Nashville, USA and Moscow State University, Moscow, Russia
Victor Pambuccian, Arizona State University, Phoenix, USA
Boris Plotkin, Hebrew University of Jerusalem, Israel
Rafael Sarkisyan, Steklov Institute, Moscow, Russia
Alfred Shmelkin, Moscow State University, Moscow, Russia
Karl Strambach , University of Erlangen, Erlangen, Germany
Tudor Zamfirescu , University of Dortmund, Dortmund, Germany

Web site: www.ArmAlgebra.cjb.net/conference.html

The First International Algebra and Geometry Conference in Armenia
16-20 May, 2007, Yerevan

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Conference website:
http://65.99.236.163/conference/conference.html

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It is a pleasure for us to announce help and support of:
The Fund for Research Mathematics:
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Samuel Dalalyan   *Yerevan State University, Armenia*

Varuzhan Atabekian   *Yerevan State University, Armenia*

Vahagn Mikaelian   *Yerevan State University, Armenia*

Full list of the participants:

Liana Abrahamyan
Artsakh State Univerity, Stepanakert, Artsakh Republic (NKR)
Talk title: ***Characterization of invertible algebras with ternary identities of associatity***

Ara Alexanian
Yerevan State Univerity, Yerevan, Armenia

Hovhannes Asatrian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Gurgen Asatrian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Varuzhan Atabekian
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***On normal subgroups of the free Burnside groups of prime period n > 997***

Armen Avagian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Artur Barkhudarian
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Topological spaces with simple clones***

Victor Beglarian
Yerevan State Univerity, Yerevan, Armenia

Hovhannes Bolibekian
Yerevan State Univerity, Yerevan, Armenia

Anahit Chubaryan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***A new definition of equality of tautologies for various logics***

Armine Chubaryan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***A new definition of equality of tautologies for various logics***

Samuel Dalalyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***The normal form of the***

Jordan-Postnikov real linear operator

Sergei Davidov
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Ideals and congruences of cancelation abelian algebras***

Araksia Egoian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Norik Galstian
Yerevan State Univerity, Yerevan, Armenia

Varuzhan Gabrielyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Uniqueness of the shortest linearized cover of the set of solutions of special type of the an equation on finite field***

Mkrtich Gdoian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Anna Gevorgyan
Yerevan State Univerity, Yerevan, Armenia

Yuri Grigoryan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Axioms of the space of discreet geometries***

Arshag Hajian
Northeastern University, Boston, USA
Talk title: ***Tiling the Integers with Infinite Subsets***

Samvel Haroutiunian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Aram Haroutiunian
Yerevan State Univerity, Yerevan, Armenia

Aram Haroutiunian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Taguhi Hovhannisian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Sergei Ivanov
University of Illinois, Urbana, USA
Talk title: ***On the Kurosh rank of the intersection of subgroups in***

free products and a property of groups

Armine Kharatyan
Armenian State Pedagogical Univerity, Yerevan, Armenia

Anton Klyachko
Moscow State University, Moscow, Russia
Talk title: ***Groupification of universal algebras***

Vladimir K. Leontev
Computing Center of the Russian Academy of Sciences
Talk title: ***Algebraic connection channels***

Zoya Lipkina
Moscow State University, Moscow, Russia

Ara Malkhasyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Graphical script of the solutions of equations in free groups***

Zhirayr Margaryan
Yerevan State Univerity, Yerevan, Armenia

Lavrenti Mathevosyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***Almost path surfaces of Rieman spaces of orthogonal composition*** (***page2***)

Hamlet Mikaelian
Armenian State Pedagogical Univerity, Yerevan, Armenia
Talk title: ***On Sylow theory in infinite groups***

Vahagn H. Mikaelian
Yerevan State Univerity, Yerevan, Armenia
Talk title: ***On varieties of groups generated by wreath products of abelian groups***

Eduard Mirzakhanyan
Yerevan State Univerity, Yerevan, Armenia
Talk title:***Construction of infinite-dimensional relative homotopical groups in Hilbert space***

Narine Mirzakhanyan
Yerevan State Univerity, Yerevan,

Armenia
Talk title: **Classification of compact G-extensions in the case of locally compact group G.**

Vanik Mkhitarian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Davit Mkrtchian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Garib Movsisyan
BIT GROUP, Moscow, Russia
Talk title: **Algebraic connection channels**

Yuri Movsisyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: **Interlaced, modular, distributive and boolean bilattices**

Gurgen Nalbandyan
Artsakh State Univerity, Stepanakert, Artsakh Republic (NKR)
Talk title: **Chebishev nets and Chebishev brunches of surfaces in Rieman spaces**

Hakob Ohnikyan
Yerevan State Univerity, Yerevan, Armenia
Talk title: **Infinit-dimensional quadratic forms admiting composition**

Alexander Olshanskii
Vanderbilt University, Nashville, USA and Moscow State University, Moscow, Russia
Talk title: **On the products of T-ideals in free associative algebras**

Victor Pambuccian
Arizona State University, Phoenix, USA
Talk title: **Axiomatization of the group generated by point-reflections of metric planes with non-Euclidean metric**

J. Pashazadeh
Islamic Azad University, branch Bonab, Iran
Talk title: **On the representation of boolean and demorgan algebras by functions**

Vardan Piliposyan
Yerevan State Univerity, Yerevan,

Armenia
Talk title: **Conneccion on a space of a linear elements**

Boris Plotkin
Hebrew University of Jerusalem, Israel
Talk title: **Logically geometrical equivalence of two algebras**

Eugene Plotkin
University of Bar Ilan, Israel
Talk title: **On soluble radical in groups**

Tatyana Plotkin
University of Bar Ilan, Israel
Talk title: **Automorphic equivalence of algebras and bases of algebraic knowledge**

Vladimir Popov
Steklov Institute, Moscow, Russia

Rafael Sarkisyan
Steklov Institute, Moscow, Russia
Talk title: **Local classification problems according Arnold and approach to their solution via Grobner basis.**

Yuri Sargsian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Ruben Serobyan
Yerevan State Univerity, Yerevan, Armenia

Kh. Shahbazpour
University of Urmia, Urmia, Iran
Talk title: **On quasigroups isotopic to groups**

Alfred Shmelkin
Moscow State University, Moscow, Russia
Talk title: **On Magnus groups.**

Karl Strambach
University of Erlangen, Erlangen, Germany
Talk title: **Algebraic groups and Lie groups with few factors**

James Timourian
University of Alberta, Canada

Anahit Yengibarian
Armenian State Pedagogical Univerity, Yerevan, Armenia

Tudor Zamfirescu
University of Dortmund, Dortmund, Germany
Talk title: **About most convex bodies and continua**