SATELLITE EVENT
7th EUROPEAN CONGRESS OF MATHEMATICS
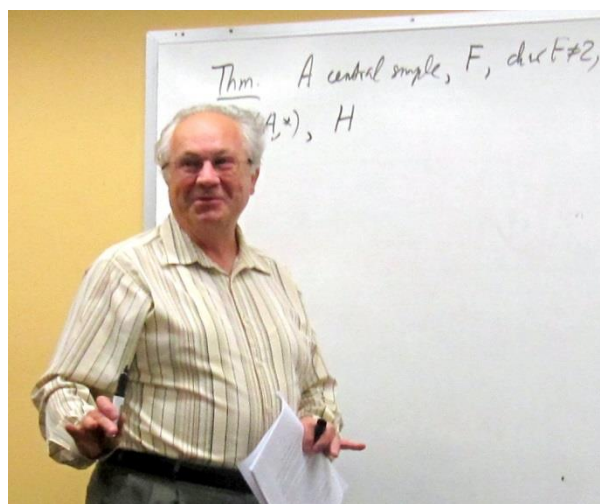
INTERNATIONAL CONFERENCE
„GROUPS AND RINGS – THEORY AND APPLICATIONS (GRiTA2016)"
July 11 – 15, 2016, Sofia, Bulgaria

Organized by:
Institute of Mathematics and Informatics, Bulgarian Academy of Sciences
Department of Mechanics and Mathematics, Moscow State University
Department of Mathematics and Statistics, Memorial University of Newfoundland
Institute of Exact Sciences, University of Brasilia

http://www.math.bas.bg/algebra/GRiTA2016/
e-mail: grita2016@math.bas.bg

Dedicated to the 70th anniversary of Yuri Bahturin

FIRST ANNOUNCEMENT

The purpose of the Conference is to present the current state of the art in group theory and ring theory and their applications. In particular, we are going to emphasize combinatorial and geometric group theory, combinatorial and computational ring theory, the theory of PI-algebras, commutative and noncommutative invariant theory, automorphisms of polynomial and other free algebras, graded associative, Lie, and Jordan algebras and superalgebras. The applications include, but are not limited to, scientific computing, coding theory, cryptography, and statistics.

The Conference will include full length presentations and contributed talks. The presentations will be 45 minutes long and the contributed talks will be 30 minutes long, including questions.

The Conference is dedicated to the 70th birthday of Yuri Bahturin, University Research Professor and Director of Atlantic Algebra Centre at Memorial University of Newfoundland (St. John's, Canada), and Professor at Moscow State University (Russian Federation). Yuri Bahturin graduated from the Department of Mechanics and Mathematics of Moscow State University in 1969, obtained his Ph.D. degree in 1972 (advisor: Professor Alfred Shmelkin) and started his career at the Chair of Higher Algebra of Moscow State University. In 1999, Yuri Bahturin accepted a professorship at Memorial University of Newfoundland, where he continues to work now. At the same time, he keeps close ties with Department of Algebra of Moscow State University.

The original research field of Yuri Bahturin was the theory of varieties of Lie algebras. He was among the authors of the first research papers and a monograph in this field. For more than 40 years, Yuri Bahturin, his students, and the students of his students continue to obtain important results on polynomial identities of Lie algebras, Lie superalgebras and their enveloping algebras. Later in his career, Yuri Bahturin contributed to the foundation of several research areas including
- Locally finite Lie algebras,
- Graded algebras and superalgebras,
- Algebras with action of Hopf algebras,
- Combinatorial theory of groups and algebras.

Yuri Bahturin generously shares his ideas, knowledge, and mathematical experience with young mathematicians. He has a long list of Ph.D. students who have successfully defended their theses and continue their successful scientific career in many countries. His monograph "Basic Structures of Modern Algebra" is widely used in university education.

Programme and Organising Committee:
- Vesselin Drensky, IMI - BAS, Sofia, Bulgaria (Chairman)
- Mikhail Zaicev, Moscow State University, Russian Federation
- Mikhail Kotchetov, Memorial University of Newfoundland, Canada
- Victor Petrogradsky, University of Brasilia, Brazil
- Ivan Chipchakov, IMI - BAS, Sofia, Bulgaria
- Hristo Iliev, IMI - BAS, Sofia, Bulgaria (Secretary)

Registration Fees:
Regular Participant: 50 EUR or 100 BGN
Accompanying person: 25 EUR or 50 BGN
MSc or PhD students: 25 EUR or 50 BGN
A 20% discount on the registration fee is granted for participants attending the 7ECM.
The fee covers the Conference materials, attendance of the Conference, welcome party, official dinner, social activities and coffee breaks. The fee should be paid by a bank transfer before the beginning of the Conference.

Bank accounts:
In EUR:
Institute of Mathematics and Informatics,
UNICREDIT Bulbank,
BIC: UNCRBGSF
IBAN: BG 85 UNCR 7630 3400 0012 91

In BGN (Bulgarian leva):
Institute of Mathematics and Informatics,
UNICREDIT Bulbank,
BIC: UNCRBGSF
IBAN: BG32 UNCR 7630 3100 1173 36

When making a bank transfer, please specify that it is for *Conference GRiTA2016*. In exceptional cases, the fee in EUR may be paid in cash upon arrival.

Accommodation:
There are several hotels within a walking distance (no more than 15 minutes) from the Institute of Mathematics and Informatics. The Programme and Organizing Committee is going to negotiate special rates for the accommodation of conference participants. The list of suggested hotels will be circulated soon.

Contact Address:

Institute of Mathematics and Informatics
Bulgarian Academy of Sciences
Block 8, Acad. G. Bontchev Str.,
Sofia-1113, BULGARIA
Vesselin Drensky
Chairman of the Programme and Organizing Committee
e-mail: grita2016@math.bas.bg

Important Dates:
Abstracts submission deadline: June 20, 2016
End of registration by e-mail: June 30, 2016
Scientific Program: July 11 – 15, 2016