The International Conference and PhD Summer School
«Groups and Graphs, Algorithms and Automata»
In Honor of the 80th Birthday of Professor Vyacheslav A. Belonogov
and of the 70th Birthday of Professor Vitaly A. Baransky
Yekaterinburg, August 09-15, 2015

The Second Announcement

The International Conference and PhD Summer School «Groups and Graphs, Algorithms and Automata» is organized by the N.N. Krasovskii Institute of Mathematics and Mechanics of UB RAS and Ural Federal University named after the first President of Russia B.N. Yeltsin.

The conference aims to cover all branches of group theory, graph theory, automata and formal language theory and algorithm theory. There will be special sessions dedicated to Professor Vyacheslav A. Belonogov in the occasion of his 80th birthday and to Professor Vitaly A. Baransky in the occasion of his 70th birthday. These two sessions will be held on the 9th of August and on the 12th of August. The official language of the conference is English.

SCIENTIFIC PROGRAM

The scientific program consists of Minicourses, Plenary and Contributed talks.

THE MINICOURSES:

Klavdija Kutnar, Dragan Marušič: *Graphs and their automorphism groups*
Tomaž Pisanski: *Symmetries in Graphs with Python and Sage*
Nadezhda Timofeeva: *Monstrous Moonshine*
Evgeny Vdovin: *Existence and conjugacy of Hall subgroups. Contemporary progress and open problems*
Mikhail Volkov: *Synchronizing finite automata: a problem everyone can understand but nobody can solve (so far)*

For syllabus of minicourses, visit http://g2a2.imm.uran.ru/minicourses.html.

PLENARY TALKS:

Bernhard Amberg: *Products of groups which contain abelian subgroups of finite index*
Vitaly Baransky, Tatiana Nadymova and Tatiana Senchonok: *The lattice of graphical partitions*

Vyacheslav Belonogov: *Character theory and abstract structure of finite groups*

Alexander Gavrilyuk, Sergey Goryainov and Leonid Shalaginov*: On Deza circulants*

Kanta Gupta: *TBA*

Tatsuro Ito: *Finite dimensional irreducible representations of the TD-algebra*

Lev Kazarin: *Group factorizations, graphs and related topics*

Jack Koolen: *On recent progress of 2-walk-regular graphs*

Anatolii Kondrat'ev*: On prime graphs of finite groups*

Vladimir Levchuk and Olga Kravtsova: *Problems on structure of finite quasifields and projective translation planes*

Alexander Makhnev: *Koolen problem for t=5*

Anatolii Kondrat'ev, Natalia Maslova and Danila Revin: *On the pronormality of subgroups of odd indices in finite simple groups*

Vladimir Trofimov: *Some problems concerning vertex-symmetric graphs*

CONTRIBUTED TALKS:

Each contributed talk may be scheduled Monday afternoon through Friday afternoon (with the sole exception on Wednesday) for 15-minute timeslots. Please note, that a limited number of slots are available for contributed talks. Please send one page abstracts in LaTeX and PDF written using template presented in http://g2a2.imm.uran.ru/registration.html. All accepted abstracts will be published.

To register please send your first name, last name, country, city and institution by email g2a2.conf.2015 [at] gmail.com till July 1, 2015.

For more information about the program, see
http://g2a2.imm.uran.ru/program.html.

ACCOMMODATION

All scientific activities will take place in the recreation area Ivolga which is located near Yekaterinburg. To get Ivolga from Yekaterinburg (Ural Federal University, 51 Lenina Pr.) on the 9th of August buses will be provided by G2A2-Organizers. Transportation will be also provided back to the same pick up point on the 15th of August. To view photos of Ivolga, visit http://ivolga-ural.ru/gallery.

Full-package accommodation includes living in twin or double room and three meals a day (breakfast, lunch, dinner). For more information about accommodation, see http://g2a2.imm.uran.ru/accomodation.html.

PAYMENT

A registration fee includes: full-package accommodation (6 nights), book of abstracts, transportation from/to Yekaterinburg, coffee and tea breaks. Rates of a registration fee for participants depend on their accommodation. Conference participants are welcome to choose accommodation for twin or double rooms.

We will cover a registration fee for Lecturers of Minicourses. However, we will charge a fee for accompanying persons for dining services.

For accommodation rates and payment, see http://g2a2.imm.uran.ru/payment.html.

To get more detailed information about the Conference, please visit http://g2a2.imm.uran.ru.

If you have any further questions, please do not hesitate to contact us.

We look forward to seeing you in August in Yekaterinburg!

Best regards,

G2A2-Organizers