



INTERNATIONAL RESEARCH EXPERIENCE FOR STUDENTS (IRES)

Workshop on
Discrete and Nondifferentiable Optimization: Algorithms and Applications
Glushkov Institute of Cybernetics, Kyiv, Ukraine
August 1-August 21, 2011

Supported by the National Science Foundation

Organized by

Sergiy Butenko, Department of Industrial and Systems Engineering, Texas A&M University

Oleg Prokopyev, Department of Industrial Engineering, University of Pittsburgh

Announcement

Undergraduate and graduate students interested in optimization and its applications are invited to apply to participate in the workshop on discrete and nondifferentiable optimization to be held at Glushkov Institute of Cybernetics in Kyiv, Ukraine. This workshop will provide a unique international research experience for the U.S. students, who will spend three weeks in Ukraine working with Ukrainian researchers and students on mini-projects in the areas of discrete and nondifferentiable optimization. The participants of the program will also attend summer school “Achievements and applications of contemporary informatics, mathematics and physics” (<http://summerschool.ssa.org.ua/>).

Eligibility

Full time undergraduate and graduate students majoring in areas related to optimization (engineering, operations research, computer science, mathematics) in the U.S. universities are eligible to participate. Students from groups underrepresented in engineering are especially encouraged to apply.

Financial Support

Airfare, living expenses (housing, meals, ground transportation), and any other related expenses of all selected participants will be reimbursed by the program. In addition, a stipend will be provided.

Application and Selection Procedures

To apply please submit your CV (including contact information), current academic records (list of courses taken with grades), and a one-page statement of purpose describing your background, interests and relevance of this project to future career plans. Preference will be given to candidates whose qualifications and interests match the best with the topic and merit of the workshop. For undergraduate students, a demonstrated interest in graduate studies in a relevant area is a plus. Nominations and letters of recommendation are not required but will be taken into consideration. Please send your application to Oleg Prokopyev (droleg@pitt.edu) or Sergiy Butenko (butenko@tamu.edu) via email before April 15, 2011. The final group of students will be selected and notified no later than May 1, 2011.

Timeline

April 15, 2011

Application deadline

May 1, 2011

Acceptance notification

August 1 – August 21, 2011

Trip to Ukraine

Kyiv, Ukraine.

Founded in the 5th century, Kyiv is the historical capital of Kievan Rus, the Slavic super-state that was in the origins of Ukraine, Russia and Belarus. The modern capital of Ukraine, Kyiv is a scenic city of close to 3 million people.