

Microsoft Data Structures and Algorithms School

Школа Microsoft по структурам данных и алгоритмам

August 08–14, 2010, St. Petersburg, Russia
<http://logic.pdmi.ras.ru/midas/>



ORGANIZERS

Microsoft Research, St. Petersburg Polytechnic University and Academic Physics and Technology University

GOALS

To offer students a unique opportunity to learn about fundamental and state of the art results from top scientists in the area, and to provide a stimulating environment for students to meet and establish ties with each other and school lecturers.

COURSES

- ▷ **Giuseppe F. Italiano**
(University of Rome "Tor Vergata", Italy)
Algorithms on Large Data Sets
- ▷ **David S. Johnson**
(AT&T Labs, USA)
Case Studies: The Traveling Salesman and Bin Packing Problems
- ▷ **Clifford Stein**
(Columbia University, USA)
Combinatorial Optimization Algorithms
- ▷ **Robert E. Tarjan**
(Princeton University and HP, USA)
Data Structures
- ▷ **Renato F. Werneck**
(Microsoft Research, USA)
Shortest Paths and Experimental Evaluation of Algorithms

PARTICIPATION

Advanced undergraduates, PhD students and young scientists and developers are encouraged to apply. Russian residents and students residing abroad who do not need a visa to enter Russia may apply. English is the working language of the school, the students should be fluent in both English and Russian. Minimal background includes an introductory algorithms class and basic programming skills (in C++). Accepted students will pay no tuition, and the school will cover their local expenses including accommodation. A limited number of partial or full travel grants may be provided.

HOW TO APPLY

Visit the school website to register as soon as possible but no later than **February 22, 2010**, and complete your application by **March 15, 2010**.