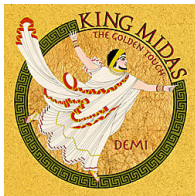


Welcome to MIDAS

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About MIDAS

Microsoft
Research



- MIDAS stands for Microsoft Data Structures and Algorithms School.
- MIDAS is sponsored by Microsoft Research and organized in cooperation with SPbSPU and APTU.
- MIDAS is the second school sponsored by Microsoft Research in Russia, following HPC 2009 in Moscow.

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Goals

- Top experts teach both fundamental new results.
- Establish and enhance ties among the participants.
- Help to revive active algorithms research in Russia.

Recipe for a Successful School

Exciting topic
Great lecturers
Well-qualified students

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Mix well

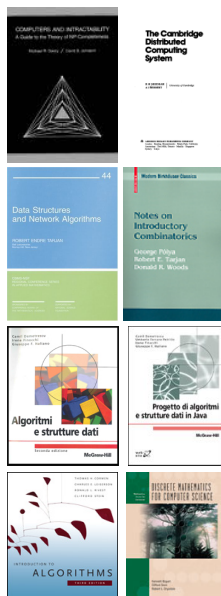
Algorithms and Data Structures

- Fundamental field of Computer Science.
- Origins in Mathematics, Operations Research, Game Theory, and Electrical Engineering.
- Fundamental results with applications in many areas.
- Importance grows as technology advances and problems get bigger.
- Active area of research.

Lecturer Highlights

- Members of National Academy of Sciences, National Academy of Engineering, a Fellow of Royal Academy of Engineering, two ACM Fellows, SIAM Fellow, Turing Award and Nevanlinna award winner, Lanchester and Knuth prize winner.
- An industrial Lab Director and a Department Head, two University Department Chairs.
- Authors of eight books, many hundreds of papers, editors of tens of book volumes.
- Founders of major conferences (SODA, ALENEX, experimental track of ESA).
- Editors of major journals.
- Much, much more.

Important contributions to theory and to practice.



Student Statistics

- Topic and lecturers attracted many prospective students.
- ≈ 650 registered, ≈ 240 applied, 62 admitted.
- Strict admissions process based on grades, publications and class projects, and recommendation letters.
- Well-qualified admissions committee carefully reviewed applications.
- 3 countries (Russia, Belarus, Ukraine); 25 institutions.
- Most represented: MGU (12), SPbSU (9), MIPT (6), USU (5).
- A limited number of additional students attending lectures.

Enjoy the School!

