

St. Petersburg Department of  
Steklov Mathematical Institute

St. Petersburg State University

Euler Institute St. Petersburg

Technische Universität München



# The Fifth Joint Advanced Student School

March 25 - April 4, 2007  
in **St. Petersburg**

# JASS 2007

## Directors:

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## Further Information:

WWW: <http://www14.in.tum.de/konferenzen/Jass07/>  
<http://logic.pdmi.ras.ru/jass07/>

## Application:

Application forms can be obtained from the internet under  
<http://www14.in.tum.de/konferenzen/Jass07/>

## Courses

**Yu. V. Matiyasevich, E. W. Mayr:**  
Polynomials: Their Power and How to Use Them

**S. Yu. Slavyanov, H.-J. Bungartz:**  
Numerical Simulation - From Models to Software

**V. Degtyarev, G. Klinker:**  
Design and Evaluation of Three-Dimensional  
User Interfaces for Time-Critical Tasks

**T.A. Datsuk, R. Lackner:**  
Multiscale Characterization and  
Modeling of Materials

**S.Yu. Verbin, V. Andreev, M. Stutzmann:**  
Photovoltaics: Current Challenges and Future Concepts

**N. Shabrov, B. HeiBing:**  
Vehicle Dynamics and Active Chassis Components