

# =: SOFSEM 2011 :=

January 22 - 28, 2011, Nový Smokovec, Slovakia

37th Annual Conference on Current Trends in Theory and Practice of Informatics

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## FIRST CALL FOR PAPERS

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SOFSEM (Software Seminar) is the annual international winter conference devoted to the theory and practice of computer science. Its aim is to present the latest developments in research to professionals from academia and industry, working in leading areas of computer science.

The SOFSEM program consists of Invited Talks by prominent researchers, Contributed Talks selected by the Program Committee from submitted papers, and the Student Research Forum. SOFSEM is organized in plenary and parallel tracks, giving a unique opportunity to obtain an excellent overview of the selected research areas. All tracks

are devoted to original research and leading developments. Original papers in the respective areas are solicited. Papers bridging the gap between theory and applications are highly encouraged. Proceedings containing the invited and contributed papers are published in the Lecture Notes in Computer Science series by Springer Verlag. Student papers of sufficient high quality but not accepted for the regular tracks, will be accepted to the Student Research Forum which will give the students the opportunity to present their paper to the main SOFSEM audience and also to get the paper published in the local SOFSEM proceedings.

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### General Chair

*Juraj Hromkovič (ETH Zurich)*

### Tracks and Chairs

PC chair

*Rastislav Kráľovič (Comenius University, Bratislava)*

Foundations of Computer Science  
Software, Systems, and Services

*Ivana Černá (Masaryk University, Brno)*

Processing Large Datasets

*Tibor Gyimothy (University of Szeged)*

Cryptography, Security, and Trust

*Keith Jeffery (STFC, Rutherford Appleton Laboratory, Didcot)*

*Stefan Wolf (ETH Zurich), and Marko Vukolic (IBM Research)*

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### Student Research Forum

chair: *Mária Bieliková, (Slovak University of Technology, Bratislava)*

An integral part of SOFSEM 2011 is the Student Research Forum, organized with the aim to publish and discuss student research projects in the field of theory and practice of Computer Science. The forum offers students a unique opportunity to receive feedback on both the originality of their results and the work in progress. The papers will be reviewed and selected by the SOFSEM 2011 Program Committee as regular papers, so those accepted for the LNCS proceedings will be presented in regular sessions with possibility to have additional presentation in poster session of the Student Research Forum. Papers accepted for the local SRF proceedings will be provided with considerable space for presentation in the half day Student Research Forum session.

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### Important Dates

Deadline for abstracts:	September 5, 2010
Deadline for papers:	September 10, 2010
Acceptance notification:	October 25, 2010
Camera-ready version:	November 1, 2010
Conference:	January 22-28, 2011

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SOFSEM is a unique meeting place for academic and industrial research in informatics, and an ideal conference for discussions, for establishing personal contacts with new colleagues, and for exchanging ideas. At SOFSEM 2011 all participants and lectures will be accommodated in the Atrium Hotel, Nový Smokovec (Slovakia), an attractive winter resort. SOFSEM is well-known for its familiar and inspiring atmosphere, and especially suited for both young and experienced computer scientists.

[www.sofsem.sk](http://www.sofsem.sk)