SOFSEM 2012 :=

38th International Conference on Current Trends in Theory and Practice of Computer Science

January 21–27, 2012
OREA Hotel Horal ****
Špindlerův Mlýn
Czech Republic

Objectives

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 for professionals from academia and industry, working in leading areas of computer science. SOFSEM 2012 offers four outstanding tracks:

Foundations of Computer Science

Chair: **György Turán** (University of Illinois at Chicago, USA 🇺🇸, and University of Szeged, Hungary 🇭🇺)

SPECIAL EVENT: **SESSION ON TURING MACHINES**.

In memory of Alan Turing, whose 100th anniversary is celebrated in 2012, SOFSEM 2012 will host a session on Turing machines. The session will consist of invited and contributed talks on Turing machines as the basic model of computability and complexity, and reporting new developments related to models inspired by, for example, biology and physics.

Software & Web Engineering

Chair: **Mária Bieliková** (Slovak University of Technology in Bratislava, Slovakia 🇸🇰)

Cryptography, Security, and Verification

Chair: **Stefan Katzenbeisser** (Technical University of Darmstadt, Germany 🇩🇪)

Artificial Intelligence

Chair: **Gerhard Friedrich** (Alpen-Adria-University Klagenfurt, Austria 🇦🇹)

Traditionally – at SOFSEM – there is for students the:

Student Research Forum

Chair: **Roman Špánek** (Institute of Computer Science, Academy of Sciences, Prague, Czech Republic 🇨🇿)

Proceedings

All accepted papers for regular tracks (after registration and payment) will be included in the conference proceedings published in the **Lecture Notes in Computer Science (LNCS)** – Series by **Springer Verlag**. Student papers accepted to the SOFSEM Student Research Forum (after registration and payment) will be published in **SOFSEM 2012 local proceedings**.

Important Dates

- Abstracts Deadline: **Wednesday, June 22, 2011**
- Full Papers Deadline: **Wednesday, June 29, 2011**
- Acceptance Announcement: **Wednesday, September 21, 2011**
- Camera-ready Manuscripts: **Wednesday, October 5, 2011**

Springer

Location

SOFSEM 2012 will take place at **OREA Hotel Horal ****** in **Špindlerův Mlýn**, an attractive winter resort town in the Krkonoše mountains about 150 km far from Prague.

For more details on SOFSEM 2012 please visit **http://www.sofsem.cz**.

See you at SOFSEM 2012!

Georg Gottlob (Conference Chair)
Július Štuller (Organizing Chair)