<div align="center">

Call for Participation
9th Estonian Winter School in Computer Science
EWSCS'04
Palmse, Estonia, 29 February-5 March 2004

</div>

Background and objectives

EWSCS is a series of regional-scope international winter schools held annually in Estonia. EWSCS are organized by CIDEC, a joint initiative of Institute of Cybernetics (Tallinn), Tallinn Technical University and University of Tartu for the advancement of higher education in computer science and information technology. EWSCS'04 is the ninth event of the series.

The main objective of EWSCS is to expose Estonian, Baltic, and Nordic graduate students in computer science (but also interested students from elsewhere) to frontline research topics usually not covered within the regular curricula. The subject of the schools is general computer science, with a bias towards theory, this comprising both algorithms, complexity and models of computation, and semantics, logic and programming theory. The working language of the schools is English.

Programme

The schools' scientific programme consists of short courses by renowned specialists and a student session. The course list for EWSCS'04 is the following:

- Prof. Sergei Artemov (City University of New York, USA): *Proof Polynomials*

- Prof. Rusins Freivalds (University of Latvia, Riga, Latvia): *Unreasonable Effectiveness of Classical Mathematics in Computer Science*

- Prof. Achim Jung (University of Birmingham, UK): *Stone Duality and Program Logics*

- Prof. Moni Naor (Weizmann Institute, Rehovot, Israel): *Cryptography and Privacy-Preserving Operations*

- Prof. Madhu Sudan (MIT, Cambridge, MA, USA): *Algorithmic Introduction to Coding Theory*

The purpose of the student session is to give students an opportunity to present their work (typically, thesis work) and get feedback. Registrants are invited to propose short talks (20 min) or posters. The selection will be based on abstracts of 150-400 words.

The social programme consists of an excursion and a conference dinner.

Venue

Palmse is a small settlement 80 kms to the east from Tallinn in the county of Lääne-Viru. It is renowned for a large manor that used to belong to the von Pahlen family, today hosting the visitors' center of the Lahemaa National Park, a museum, and a hotel.

Tallinn, Estonia's capital, is famous for its pictoresque mediaeval Old Town, a UNESCO World Heritage site. There are direct flights to Tallinn from London, Paris, Amsterdam, Frankfurt, Hamburg, Berlin, Prague, Warsaw, Moscow, Kiev, Copenhagen, Oslo, Stockholm, Helsinki, Vilnius, Riga, ferries from Stockholm and Helsinki. From Vilnius, Riga, the Eurolines coach service is the practical travel option.

Registration and cost

The deadline for registration and submission of abstracts is **16 January 2004**. All registrants will be notified of acceptance to school and acceptance of their talks/posters by **30 January 2004**. The participation fee 4000 EEK (260 EUR) includes course materials, full boarding at Palmse, transportation from Tallinn to Palmse, excursion and conference dinner. For some students, we can fully or partially waive the fee.

Programme committee / organizing committee

Tarmo Uustalu (IoC) (chair), Monika Perkmann (IoC) (secretary), Helger Lipmaa (Helsinki U. of Techn.), Peeter Laud (U. of Tartu), Jaan Penjam (IoC), Heli Uibo (U. of Tartu), Jüri Vain (Tallinn Techn. U.), Varmo Vene (U. of Tartu)

Sponsors

Tiigriülikool Programme, Centers of Excellence in Research Programme of Ministry of Education and Research of Estonia, FP5 IST project *eVikings II*

Further information

Details on the submission of abstracts, registration procedure and cost, application for fee waiver are available from the school webpage, `www.cs.ioc.ee/yik/schools/win2004`. Questions should be sent to `cidec@cs.ioc.ee`.