

Computational Science Day 2011

At Lappeenranta October 18, 2011

9-10 Registration and Morning Coffee

10-12 Session I

"Opening of the Seminar"

Jari Hämäläinen

Lappeenranta University of Technology, Centre of Computational Engineering and Integrated Design,

Rolf Stenberg

President of SULATIS / Aalto University, School of Science, Department of Mathematics and Systems Analysis

"Computational Speech Modelling"

Jarmo Malinen

Aalto University, School of Science, Department of Mathematics and Systems Analysis

"Simulating electricity market psychology with stochastic differential equations"

Matylda Jablonska

Lappeenranta University of Technology, Faculty of Technology, Department of Mathematics and Physics

"Shape reconstruction of irregular bodies with multiple data sources"

Matti Viikinkoski

Tampere University of Technology, Department of Mathematics

12-14 Lunch break and poster session

14-15 Session II

"MCMC parameter estimation for wind climate modeling"

Aapo Koivuniemi

TuuliSaimaa OY

"Simulations of Key Glaciological Processes Using the Finite Element Package Elmer"

Thomas Zwinger

CSC — IT Center for Science Ltd.

15-16 Coffee break and results of the poster competition

16-17 Session III

"Wärtsilä R&D Structural Analysis & Dynamics Research Projects: Wärtsilä Virtual Powertrain Project"

Tero Frondelius

Wärtsilä Finland OY

"How modern engineering and consulting company uses numerical simulation tools?"

Simo Nurmi

Elomatic Oy

"Closing of the Seminar"

Rolf Stenberg

President of SULATIS / Aalto University, School of Science, Department of Mathematics and Systems Analysis