

Announcement and Call for Papers :
SIMS 2001
42nd Conference on Simulation and Modeling
Simulation in Theory and Practice
Organized by
SIMS
Scandinavian Simulation Society
October 8th - 9th 2001
Telemark University College, Porsgrunn, Norway
<http://www-pors.hit.no/tf/sims2001/sims.htm>

Introduction

The aim of the conference: To cover broad aspects of modeling, simulation, and scientific computation. The conference should be of interest for model builders, simulator personnel, scientists, engineers, vendors, etc.

The scientific program will consist of technical sessions with submitted and invited papers, and is open for poster sessions and vendor demonstrations.

Selected papers will be considered for publication in the Journal "Modeling, Identification and Control".

Ph.D. students are particularly encouraged to contribute with papers according to the conference themes.

Conference Themes

Conference themes include, but are not limited to :

- Modeling Tools
- Simulation Tools and Technology
- Training Simulators Real-Time Simulation
- Process Plant Simulation
- Simulation in Power Station Design
- Simulation in Power Electronics
- Simulation of Electronic Systems
- Simulation of Marine Systems
- Simulation of Energy Systems
- Simulation in Control Engineering
- Simulation in Chemical Engineering
- Simulation in Mechanical Engineering
- Visualization in Modeling and Simulation
- Numerical methods for simulation
- Parallel simulation

Timetable for Authors

Authors should submit an extended abstract of approximately 1-2 A4 pages before May 15th, 2001. Abstracts will be reviewed by members of the Scientific Committee, and notification of acceptance or rejection will be sent out by June 15th, 2001. Final version of accepted "camera-ready" papers are due by September 1st, 2001. The official conference language and the language of the accepted papers is English.

The submission of abstracts and papers can be carried out either by ordinary mail or electronically. Electronic submission is preferred (see web address <http://www-pors.hit.no/tf/sims2001/sims.htm> under heading Submission of Abstracts), and the preferred document formats are PDF files and WORD files.

Scientific Committee

Bernt Lie, Telemark University College (HiT), NO
Are Mjavatten, Norsk Hydro ASA, NO
Bjørn Glemmestad, Borealis AS, NO
Rolf Ergon, HiT, NO
Erik Lindberg, IT, DTU, DK
Brian Elmegaard, ET, DTU, DK
Peter Fritzson, Dept. of Computer Science, LiU, SE
Arne Jakobsen, ET, DTU, DK
Anne Cathrine Elster, NTNU, NO
Kaj Juslin, VTT Automation, SF
Morten Hovd, NTNU, NO
Carl-Johan Fogelholm, Tekniska Högskolan, SF
Simin Nadjm-Tehrani, LiU, SE

Demonstrations and Exhibitions

A centrally located area will be available for demonstrations and exhibitions during the conference. Vendor demonstrations of commercial simulation systems are particularly welcome as poster presentations. For demonstrations, video sessions, workshops exhibitions or sponsorships, please contact the organizing committee.

How to contact the organizers

SIMS 2001
c/o Bernt Lie
Department of Process Control
Telemark University College
Box 203
N-3901 Porsgrunn, Norway.

Fax: (+47) 35 57 52 50
Ph: (+47) 35 57 50 00
E-mail: Bernt.Lie@hit.no
Web: <http://www-pors.hit.no/tf/sims2001/sims.htm>

Practical information

Telemark University College (HiT)

Modeling and simulation are important parts of the current research at Telemark University College, Department of Technology. Central problems are the development of dynamic models for monitoring and control in the process industry and automotive industry, development of models for particulate flow processes and for combustion processes, development of models for bioreactors and alternative separation processes such as membrane units, and development of thermodynamic models.

General information about HiT can be found at:
<http://www.hit.no>

Porsgrunn and Telemark

The conference will take place in Porsgrunn, a city located on the coast 150 km southwest of Oslo, and 190 km northeast of Kristiansand (on the southern tip of Norway).

Porsgrunn lies in the Grenland region, which has a population of 100 000; 10 km upstream the Porsgrunn/Skien river lies the twin city Skien, county capital of Telemark. Telemark is the cradle of modern skiing, and is a center for fairy tales, folk music and folk art. Telemark stretches from the Skagerrak coast with skerries, via large forests, lakes and waterfalls, to mountain plains. Skien celebrated its 1000 anniversary in 2000, and achieved city status in 1358 to be able to compete with the Hanseats; Porsgrunn was granted trade privileges ca. 150 years ago.

Porsgrunn - industrial center in Norway

Today, Porsgrunn is an important industrial center in Norway. Porsgrunn started to produce china some 120 years ago. Nearly 100 years ago, Norsk Hydro started to produce fertilizers for the agriculture in Telemark because of the availability of hydro power. Today, Herøya in Porsgrunn is an important production site for Norsk Hydro with the production of ammonia, fertilizers, PVC, magnesium, etc., as well as hosting Norsk Hydro's research center. Next door, Eramet produces manganese. Across the fjord, Borealis produces polymers and has a main research center as well. On the coast is Norcem, part of the Heidelberg cement industry, the world's third largest cement producer. In neighboring Skien is Norske Skog Union, a large paper mill. Porsgrunn is the third largest harbor in Norway, mainly due to the industry. The last decade has also seen the build-up of systems industry. Porsgrunn is also an educational center, hosting one of four campuses of Telemark University College.

How to get to HiT

Go by plane to Sandefjord airport (Torp), situated in the neighbor city Sandefjord ca. 40 minutes from Porsgrunn, and with daily flights to Copenhagen, Stockholm, Amsterdam, Trondheim, etc. See <http://www.torp.no/>

Or fly to Oslo airport (Gardermoen). There is a direct train from this airport to Porsgrunn. The train trip takes about 3 hours 15 minutes. See <http://www.osl.no/english/>.

Or take the train which with hourly departures from Oslo takes you to Porsgrunn in about 3 hours, or you can go from Kristiansand in ca. 4 hours. See <http://www.nsb.no/no/>.

Or by car 2 hours from Oslo, 40 minutes from Sandefjord with ferry connection from Strømstad, Sweden (2 1/2 hours), 20 minutes from Larvik with ferry connection from Fredrikshavn, Denmark (3 hours or 6 hours), and 2 1/2 hours from Kristiansand with ferry connection

from Hirtshals, Denmark (3 hours or 6 hours). See <http://www.colorline.com/>.

Accommodation

It is most practical to stay at Hotel Vic in Porsgrunn, which is located 15 min walk from the conference venue; some other hotels are also listed below. We recommend that you contact the hotels as soon as possible to arrange with booking a room. Accommodation is not included in the conference fee.

Hotel Vic, Skolegaten 1, N-3916 Porsgrunn, Norway
Fax: +47 35 55 72 12; Phone: +47 35 55 55 80
Web: <http://www.vichotel.no>

Rica Ibsen Hotel, Kongens gate 33, N-3717 Skien, Norway
Fax: +47 35 52 61 86; Phone: +47 35 52 49 90
Web: <http://www.telemarkreiser.no/kurs/rih.html>

Quality Skjærgården Hotel og Badepark, Stathelleveien 35, N-3970 Langesund, Norway
Fax: +47 35 97 81 90; Phone: +47 35 97 81 40
Web: <http://www.gonorway.no/go/stathelle/overnight/skjaergaarden/hotel/index.html>

Conference fee

The conference fee is:

- NOK 2000 for members of SIMS
- NOK 2200 if you are not a member of SIMS

The conference fee includes proceedings and conference dinner. Please pay to:

- Account no. 7694 05 01292, Den Norske Bank, Porsgrunn Norway. Mark the payment "96088".

Participate...

The final program of SIMS 2001 will, besides the scientific part, offer you the possibility to experience the beautiful nature and the local kitchen. You are of course welcome to stay in Porsgrunn, Telemark, and Norway more than just for the conference.