Palexpo Geneva 9-13 December 2003

SIS-forum @ ICT4D

*... where **S**cience meets the **I**nformation **S**ociety*

http://cern.ch/sis-forum

organized by CERN

... where the Web was born

Welcome to the SIS-Forum!

a novel concept

The SIS-Forum (Science and Information Society Forum) is a novel concept. Neither totally an exhibition nor totally a conference, it is a moment and a place where scientists meet and present their projects to the Information Society.

It capitalizes on the conference concept, by inviting projects through a peer-review process, as well as on the principle of exhibitions, where presenters are available during timeslots to respond to visitor questions and establish contacts for further collaboration.

complementary to RSIS

The exhibition on the ICT4D platform is the first instantiation of the SIS-Forum concept. It is a complementary event to the RSIS conference organized at CERN on 8th and 9th December 2003.

an e-event

The SIS-forum is an electronic-based event. It consists of digital demonstrations and presentations of projects and activities, all focusing on science's leading role in driving the development of the information society.

42 projects, 5 themes

Forty-two projects from thirty two organizations worldwide have been invited. They are organized into 5 themes: Education and Culture; Health; Development, Environment, Risks; Fundamental Sciences and Enabling Technologies; CERN in the Information Society. This is complemented by demonstrations on the SIS-forum on-line stand.

Come and see how the digital divide can be measured online, how young artists in Geneva have developed video clips to explain health best practices to young people in developing countries, how particle physics software benefits medicine, how using the Grid can transform how students learn science, how online training on fish health management in used in the Philippines, how the World Cultural Heritage can be supported from Space, how CERN is uncovering secrets of Universe, Anti-matter and the LHC experiments, … and much more.

Enjoy the visit to the SIS-forum at ICT4D.

Francois Fluckiger,
SIS-Forum Manager

Programme Committee

Atila Alves Neves
Wisla Carena
Manjit Dosanjh
Francois Fluckiger
Christine Hurlimann
Kristina Gunne
Juergen Knobloch
Monica Marinucci
Alberto Pace
Andreas Pfeiffer
Miklos Kozlovszky
Alain Retiere
Davide Vite

Participating organizations include:

Centre for Technology Assessment TA-SWISS
CERN
Centre National d'Etudes Spatiales (CNES)
Dalle Molle Institute for Perceptual Artificial Intelligence (IDIAP)
Data Link Informatica
Fermi National Laboratory (FNAL)
FOM-institute for Plasma Physics Rijnhuizen (EFDA)
European Space Agency (ESA)
European Synchrotron Radiation Facility (ESRF)
International Union of History and Philosophy of Science
Institut Laue-Langevin (ILL)
Istituto Nazionale di Fisica Nucleare (INFN)
Open Source Health Care Alliance
Regina Elena Cancer Institute
Science and Development Network (SciDevNet)
Stanford Linear Accelerator (SLAC)

Swiss Institute of Bioinformatics
Swiss Federal Institute of Technology (EPFL)
Temple University
TERA Foundation
The Abdus Salam International Centre for Theoretical Physics (ICTP)
The Egyptian National S&T Information Network
The Southeast Asian Fisheries Development Centre
UNESCO
United Nations Office for Project Services (UNOPS)
Université de Versailles Saint-Quentin-en-Yvelines
University Hospitals of Geneva
University of Chicago
University of Florence
University of Geneva
University of Milano Bicocca
University of Rome "La Sapienza"

Organizing Committee

Nicola Bosco
Mike Doran
Francois Fluckiger
Jackie Franco
James Gillies
Kristina Gunne
Pietro Martucci
Daniel Peron
Igor Roman Marino
Dave Underhill
Paula Verholen
Shawna Williams

Palexpo
Geneva
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2003

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... where **S**cience meets the
Information **S**ociety

Tuesday 9 December 9.00 am – 6.00 pm
Wednesday 10 December 9.00 am – 6.00 pm
Thursday 11 December 9.00 am – 6.00 pm
Friday 12 December 9.00 am – 6.00 pm
Saturday 13 December 9.00 am – 4.00 pm
Stands **620** and **770**

Tickets to be purchased from http://ict-4d.org/ site

key messages

The SIS-forum exhibits dramatise features of science that foster ICT innovation:

- *Science is collaborative and transcends borders*
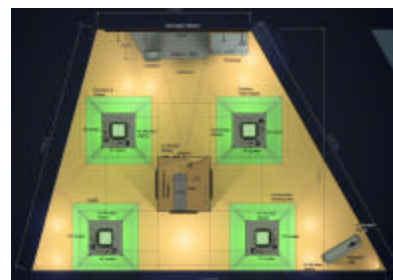- *Scientific communities can be the vector for IS deployment is developing regions*

The SIS-forum also highlights the key role played by scientists in the advent of the Information Society:

- *Scientists deployed the Internet Infrastructure*
- *Scientists invented the World Wide Web*
- *Scientists are developing the computing Grid*

space and time

The scientific programme of the SIS-forum is organized around Five Central Themes.

- Each theme is associated to a physical Thematic Pillar on the stand

- Each project part of a theme is allocated a series of timeslots on the physical Thematic Pillar

themes

#	Theme	Theme Coordinator	Pillar
1	**Education and Culture**	Davide Vité	North-West
2	**Health**	Manjit Dosanjh, Christine Hurlimann	South-West
3	**Development, Environments, Risks**	Andreas Pfeiffer	South-East
4	**Fundamental Science and Enabling Technologies**	Monica Marinucci	North-East
5	**CERN in the Information Society**	Alberto Pace	Central Auditorium

projects

2 eJDS - Delivering scientific eJournals freely to developing countries
4 Using the Grid to Transform How Students Learn Science
5 Urban Regeneration Through Information Technology
6 SAFE: Short Animated Films for Education
7 PingER: Measuring the Digital Divide
8 medGIFT – retrieving medical images based on their content
9 How can Particle Physics software help Medicine
11 Bioinformatics: driving the future of biological information imaging
12 The ClearPET project : Positron Emission Tomography
13 Towards Computer Understanding of Human Interactions
15 The Grid2003 Project
17 SciDevNet
18 A multi-media learning tool for citizens awareness of agriculture management and risks
19 Live from CERN
20 The Web Lecture Archive Project (WLAP)
21 Exploring matter with Synchrotron Light
22 Open Source: a Strategic Tool for Improving Global Health Care
23 The Egyptian National S&T Information Network (ENSTINET)
24 World History of Science Online: databases of bibliographical and archival sources
25 Using the Geant4 simulation software for Space Research
26 Our everyday life caught in a net of smart objects: the social consequences of information society

28 Virtual cell building by bio-mathematical models and intracellular biochemical experiments
29 On-line Training Course on Fish Health Management
31 TERA Foundation: Hadrons against cancer
32 Virtual Time Travel in Istanbul
35 Exploring matter with neutrons
36 Fusion, energy for future generations
37 Single Molecule Experiments in Physics and Biology
38 Avicenna: Virtual Campus Project
39 Uncovering secrets of Universe: CERN LHC Experiments: CMS
40 Uncovering secrets of Universe: CERN LHC Experiments: ALICE
41 International Charter "Space and Major Natural Disasters"
42 World Cultural Heritage supported from Space
43 ENVISAT tracks Global Climate Change
44 The Communicating Village
45 The ARGOS System: locating anything, anywhere, any time
46 UNOSAT Satellite Imagery for all
47 Sharing resources of the new millennium: CERN and the GRID
48 Uncovering secrets of Universe: Anti-matter at CERN
49 Using Sensor Networks to Help Agriculture and Water Management in Developing Countries
50 Uncovering secrets of Universe: CERN LHC Experiments: ATLAS
51 Uncovering secrets of Universe: CERN LHC Experiments: LHCB