

WORKSHOP OVERVIEW

The 4th Workshop on Advanced Collaborative Environments (WACE 2004) will address research, technological, and social issues of developing persistent collaboration infrastructure to address the needs of emerging scientific communities including Bioinformatics and Computational Biology; Nanoscience and Molecular Technology; Wide Area Environmental Sensing; Biomedical Imaging and Simulation; Education, Humanities and Technology; and Unique One of a Kind Facilities.

The goal of the workshop is to provide an open technical forum to promote the discussion of high-end, high-value solutions to the problem of supporting distributed scientific collaboration. Baseline assumptions about the evolution of future computing technologies (e.g., networking, computing, storage, and displays) useful for collaboration environments should be taken into account in developing position papers.

WACE 2004 program will include invited speakers, as well as presentations from 10 selected position papers (currently under review). Selections will be posted on/before August 15, 2004.

A Cocktail Reception for WACE 2004 participants has been arranged for Thursday evening immediately following the close of the Workshop.

WACE is sponsored by the Futures Laboratory at Argonne National Laboratory and by The Computation Institute (ANL/UC).

REGISTRATION

Registration for WACE 2004 is now open. The deadline (assuming availability) is Friday, September 10, 2004.

Register online at- <http://www-unix.mcs.anl.gov/wace/registration/registration.html>

The fee for workshop participation (including materials, lunch, coffee breaks and Reception) is US\$95.

HOTEL ACCOMMODATIONS

WACE 2004 will take place in Nice, FRANCE, at the **Sheraton Elysee Palace**, 59, Promenade des Anglais (BP 1291), Nice, France. Phone: +33(4)93979090. Fax: +33(4)93445040

A special room rate of 140 Euro including breakfast has been confirmed for WACE registrants. Booking must be confirmed with the hotel by phone or fax before Friday, 3 September.

For further information about WACE 2004, contact <wace@mcs.anl.gov>.

WACE 2004 PROGRAM COMMITTEE

Deb Agarwal - Lawrence Berkeley National Laboratory

Gary Beroline - Purdue University

Roland Blach - Fraunhofer Institut

Alan Chalmers - University of Bristol

Milton Chen - VSee Lab

Sabine Coquillart - INRIA

Ann Doyle - Internet2

Tom Finholt - University of Michigan

Geoffrey Fox - Indiana University

Mark Hereld - University of Chicago

Erik Hofer - University of Michigan

Andrew Johnson - University of Illinois at Chicago

Jason Leigh - University of Illinois at Chicago

Gloria Mark - University of California - Irvine

Todd Needham - Microsoft Research

Michael E. Papka - Argonne National Laboratory

Kyoung Park - Information & Communication Univ.

Emilee Patrick - Motorola Inc.

Luc Renambot - University of Illinois at Chicago

Rick Stevens - University of Chicago

Thomas Uram - Argonne National Laboratory

Robert van Liere - Centrum voor Wiskunde en

Informatica

Advanced Program as of August 18, 2004

Program Updates can be found at - <http://www-unix.mcs.anl.gov/wace/>

THURSDAY, SEPTEMBER 23, 2004

8:30am-9:00	REGISTRATION
9:00 - 9:15	WELCOME WACE Steering Committee
9:15 – 10:00a	GEONgrid - Chaitan Baru (KEYNOTE) co-Director Data & Knowledge Systems - San Diego Supercomputing Center
10:00 - 10:20	Creation of a Global human Rights Disabilities Media Watch Environment Using a Grid Computer Infrastructure - Marcia Rioux - York University
10:20 - 10:40	Towards a Social Ergonomic Understanding of Advanced Collaborative Environments - Erik Hofer - University of Michigan
10:40 - 11:00	BREAK
11.00 – 11.40	Collaborating About Things: A Review of Technologies for Real-time Information Sharing -Steve Whittaker (INVITED) Professor and Chair in Information Retrieval - University of Sheffield
11:40 - 12:00	LoDN: Logistical Distribution Network - Jean-Patrick Gelas - University of Tennessee
12:00 – 12:20	Collaboration and Security in CNLs Virtual Laboratory - Andrew Tokmakoff - Telematica Instituut
12:20p - 13:00p	LUNCH
13:00 - 13:40	ActiveSpaces - Mark Hereld (INVITED) Experimental Systems Engineer - Argonne National Laboratory / University of Chicago
13:40 - 14:00	Real-time Collaborative Environments and the Grid - Ladan Gharai - University of Southern California
14:00 - 14:20	ConferenceXP Research Platform: Toward A Generic Collaborative Environment - Michel Pahud - Microsoft Research
14:20 - 14:40	The New World Window: Using Images instead of Data to Collaborate - Thomas Myers - Sunreyes Inc.
14:40 - 15:00	Access Grid as Knowledge Technology - Wenjun Liu - University of Chicago
3:00p - 3:20p	BREAK
3:30 - 4:10	Representative from European Commission - Information Society DG - ICT for Health unit (INVITED)
4:00 - 4:20	SAGE: the Scalable Adaptive Graphics Environment - Luc Renambot - University of Illinois at Chicago
4:20 - 4:40	Computational Archaeology - Nicole Bordes - University of Queensland
4:40 - 6:00	CAPSTONE (TBA)
7:00-8.30p	OPEN DISCUSSION – Conclusions and Recommendations and RECEPTION - beverages and light buffet <i>Sponsored by Microsoft Research</i>

FRIDAY, SEPTEMBER 24, 2004

8:30a – 11.30a	WACE 2005 PROGRAM COMMITTEE MEETING (open to interested participants – send email to < wace@mcs.anl.gov >)
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<http://www.mcs.anl.gov/fl/events/wace2004/>