

CALL FOR PARTICIPATION

Grid-STP 2007

First International Workshop on Security, Trust and Privacy in Grid Systems

September 17, Nice, France

part of [SecureComm 2007](#)

Co-sponsored by:

IEEE Communication Society (www.comsoc.org)

Create-Net (www.create-net.it)

ICST (www.icst.org)

INRIA (www.inria.fr)

Organised by:

CoreGRID (www.coregrid.net)

GridTrust (www.gridtrust.eu)

WORKSHOP URL: www.gridstp.org

SCOPE

Grid technologies have been widely adopted by the scientific community as a computing infrastructure for scientific applications. The Grid holds the promise as one of the enabling technologies for utility computing, and has drawn a lot of interest from business users. However, adoption of Grid technology outside of the scientific community has been slow to catch on. One of the main reasons given to the slow adoption of Grid technologies for business use is the lack of security and trust. Efforts to improve security and trust in Grids have been initiated in the last few years. The objective of the workshop is to establish a state of the art for security and trust in Grids, and to provide a forum for exchange of ideas between Grid researchers working on trust and security issues, and security experts whose technologies could be applied to the Grid.

TOPICS OF INTEREST

Topics covered by the [invited talks](#) and accepted papers include: Novel techniques for access control to Grid resources such as usage control, Analysis of security and privacy issues in Grids, Grid security architectures, Trust models and trust management in Grids, Security in data and computational Grids, Policy models and policy management in Grids, Dynamic security techniques for Grids,

INVITED SPEAKERS

fabio Martinelli, CNR, Italy: A Model for Usage Control in GRID Systems

David Chadwick, University of Kent, UK: Aggregation of Attributes from Different Authorities

AGENDA (DRAFT)

The workshop consists of two [invited talks](#), six research paper presentations and one panel on current trust, security and privacy issues in Grids.

09:00-10:00	invited talk - A Model for Usage Control in GRID Systems	Fabio Martinelli, CNR, IT
10:00-10:30	paper - Intrusion Detection and Tolerance in Grid-based Applications	
10:30 - 11:00	break	
11:00 -11:30	paper - Secure token passing at application level	
11:30 - 12:00	paper - Gaining Users' Trust by Publishing Failure Probabilities	
12:00 -12:30	paper - Platform to enforce multiple access control policy in grid hosting environment	
12:30 - 14:00	Lunch	
14:00 - 15:00	invited talk - Aggregation of Attributes from Different Authorities	David Chadwick, University of Kent, UK
15:00 - 15:30	paper - Design patterns for Secure Virtual Organization Management Architecture	
15:30 - 16:00	paper - An Analysis of the Chinese Wall Pattern for Guaranteeing Confidentiality in Grid-based Virtual Organisations	
16:00 - 16:30	break	
16:30 - 17:30	Panel on current trust, security and privacy issues in Grids	

PROGRAM COMMITTEE

Alvaro Arenas, STFC RAL, UK co-chair
David Chadwick, University of Kent, UK
Joris Claessens, EMIC, Germany
Theo Dimitrakos, BT, UK
Alejandro Hevia, University of Chile, Chile
Jens Jensen, STFC RAL, UK
Marty Humphrey, University of Virginia, USA

Ninghui Li, Purdue University, USA
Fabio Martinelli, CNR, Italy
Philippe Massonet, CETIC, Belgium co-chair
Paolo Mori, CNR, Italy
Ravi Sandhu, George Mason University, USA
Von Welch, NCSA University of Illinois, USA