

GLS'04

GRID Learning Services

Call for Papers

To be held in conjunction with [ITS 2004](http://www.itsconference.com.br/content/workshops.html)
(<http://www.itsconference.com.br/content/workshops.html>)

August 30, 2004, Maceio, Brazil

IMPORTANT NEW DATES

Workshop papers due: **May 24**
Workshop authors notified: **June 10**
Camera-ready papers due: **July 7**
Workshop proceedings due: **July 15**

Workshop co-chairs

Guy Gouardères,

IUT de Bayonne, UPPA
3, avenue Jean DARRIGRAND
64100 Bayonne, France
Tél: (+33) 5.59.57.43.37/ (+33)
5.59.57.43.52, Fax: (+33) 5.59.57.43.09
Guy.Gouarderes@iutbayonne.univ-pau.fr

Roger Nkambou,

Université du Québec à Montréal
201, avenue du Président-Kennedy,
Montréal (QC), H2X 3Y7
Nkambou.Roger@uqam.ca

AIMS & SCOPE

The workshop addresses the issues of integrating human and machine learning into models, systems, applications and abstracting them into theories for advanced Human learning, based on the dynamic generation of **GRID services**. The purpose of the ITS'04 "GRID Learning Services" workshop is to advance significantly the current state of the art, both of fundamental research results and of technological applications concerned with technology-enhanced learning supporting ubiquitous, collaborative, experiential-based, contextualised and personalised learning (socioconstructivist approach to Human Learning) by defining, developing and using GRID services. The workshop is inspired by an EU Integrated Project ELeGI (http://www.cordis.lu/ist/directorate_e/learn/fp6_elegi.htm) and has among its main proposers some key leaders active within the Network of Excellence LeG-WG and the "GRID for learning" communities in the South Pacific and North America.

TOPICS

Topics of interest include, but are not restricted to:

Human learning service requirements and service provision based on GRID: teaching services, training services, abstracting and generalizing interoperable mechanisms, negotiating, qualifying then fusing Semantic descriptions.

Organisational Learning, Ubiquitous learning services
Learning as a side effect of Interaction, Serendipitous Learning
Community learning by jointly constructing Ontologies, Constructivist learning, Social Learning

GRID Learning services:
Granularity, composition, dynamic generation, learning services
Learning Agents (human and artificial)

Enhanced presence on Grid:
Rationality, Motivation and Emotions enabling Learning
e-Qualification, QoS Provision, Adaptive QoS

Applications to (not limited):

- Virtual Scientific Experiments
- Virtual Labs
- e-Training (Medicine, Aeronautics,...)
- Learning Environments for Accountancy and Business Finance
- Learning Environments for Mechanical Engineering

FORMAT

-Paper submission guidelines:

<http://www.tandf.co.uk/journals/authors/uaiaauth.asp>

-Panel discussion: the workshop session will end with a 60-minute panel discussion on selected topics from the paper presentations.

-Workshop Proceedings: The papers from all the sessions of the GLS'04 workshop will be printed in one-volume proceedings. We will later edit a selection of the papers in a Special Issue on Learning GRID Services, to appear in the **Applied Artificial Intelligence Journal**, Vienna, Austria
<http://www.tandf.co.uk/journals/titles/08839514.asp>



Taylor & Francis
Taylor & Francis Group

TARGET AUDIENCE

senior scientists already committed to research in GRID Learning Services (1/3); of

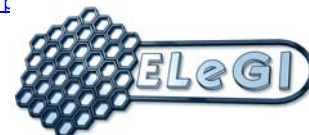
scientists novice in the specific area, but interested in understanding the concepts and the state of the art in the domain (1/3) and of students curious about potential links to their own ongoing PhD research and future opportunities of projects and jobs (1/3).

RELATED EVENTS

Previous published work in the field can be found at the British Computer Society Web site ; <http://ewic.bcs.org/categories/gridcomputing.htm> emerging from the 3 LEGE WG workshops running in Europe since 2002.

The 4th International LEGE-WG Workshop: Towards a European Learning Grid Infrastructure will occur on April 27-28, 2004 in Stuttgart, Germany, <http://www.lege-wg.org/Activity/Legeworkshop4>

Acknowledgments to: ELeGI-IPFP6 IST European Community Research Program
http://www.cordis.lu/ist/directorate_e/learn/fp6_elegi.htm



European Learning Grid Infrastructure

REVIEW COMMITTEE

Colin Allison, (University of St Andrew, UK)

Jeff Bradshaw (University of South Florida, USA)

Rajkumar Buyya (University of Melbourne, Australia)

Stefano A. Cerri (LIRMM: CNRS & Université Montpellier II, France)

Marc Eisenstadt, (Open University, UK)

Guy Gouardères (Université de Pau & Pays de l'Adour, France)

Michel Liquière, (LIRMM: CNRS & Université Montpellier II, France)

Roger Nkambou (Université de Québec à Montréal, Canada)

Liana Razmerita (University of Toulouse III, France)

Pierluigi Ritrovato, (CRMPA, Salerno, Italy)

David de Roure (University of Southampton, UK)

Roland Yatchou (Université de Québec à Montréal, Canada)