Web 2.0 and Grids Workshop at OGF19

This one day workshop, looking at the impact of Web 2.0 technologies and thinking on Grid and e-Science, is being held on Monday January 29 at OGF19 in Chapel Hill, North Carolina, USA, which runs from January 29 – February 2, 2007.

The workshop features a series of invited talks starting with an introduction to the technologies and philosophy of Web 2.0 and its role in e-Science, and including an update on Semantic Grid activities – all with an emphasis on social networking and collaboration in the context of Grid and e-Science.

The invited speakers are:

- **Carole Goble** on *myExperiment*, a personalised environment which enables scientists to share, re-use and repurpose experiments. myExperiment is a very exciting initiative which owes far more to social networking websites such as MySpace and YouTube than to the traditional portals of Grid computing. See the New Scientist piece [MySpace for the dudes in lab coats](#) and Grid Today ['Me-Science' the New e-Science](#). Carole Goble has been a very significant force in the UK eScience programme since it started in 2001, leading the ^{my}Grid project, the largest e-Science pilot project. She's also Director of the UK's North West e-Science Centre. Her research group of 70 at Manchester covers theory and practice and she has been a major driver behind application of the Semantic Web from its outset. She was research director of the Knowledge Web network of excellence and is a leader of the Semantic Grid - she has produced the first reference architecture for the Semantic Grid through the OntoGrid project. Carole was Programme Chair for WWW2006 15th International World Wide Web Conference last year, and is Editor-in-Chief of The Journal of Web Semantics: Science, Services and Agents on the World Wide Web.

- **Noshir Contractor** on *How the science of social networks can inform – and be informed by – the Grid and Web 2.0*. Noshir Contractor (www.spcomm.uiuc.edu/Nosh) is a Professor in the Department of Speech Communication, Department of Psychology, and the Coordinated Science Laboratory at the University of Illinois at Urbana-Champaign. He is a Research Affiliate of the Beckman Institute for Advanced Science and Technology, Director of the Science of Networks in Communities (SONIC) Group at the National Center for Supercomputing Applications, and Co-Director of the Age of Networks Initiative at the Center for Advanced Study at the University of Illinois at Urbana-Champaign. His research program, funded continuously for the past decade by major grants from the U.S. National Science Foundation, is investigating factors that lead to formation, maintenance, and dissolution of dynamically linked knowledge in in 21st century organizational forms.

- **Pamela Fox** is giving our Web 2.0 tutorial - *Web 2.0 in the real world*. Pamela, from USC and Google, was Winner of the Google Gadget Award.

The workshop chair is David De Roure. This event is organized by the *Semantic Grid Group* in OGF in conjunction with the *Humanities, Arts, and Social Sciences* Group (HASS-RG), both part of the *OGF eScience function*.

Schedule – Monday, January 29 in *Dogwood*

9:00 am - 10:30 am	Introduction to workshop	*David De Roure*
	The Social Perspective (1/5)	
	How the science of social networks can inform - and be informed by - the Grid and Web 2.0	*Noshir Contractor*
	Science as a collaborative process - the Scholarly Knowledge Cycle and Blogging the Laboratory (Smartlab 2.5?)	*Jeremy Frey*
11:00 am - 12:30 pm	**myExperiment** (2/5)	
	myExperiment - Motivation and Vision	*Carole Goble*
	myExperiment Panel	Chair: *David De Roure* Panelists: *Noshir Contractor, Jeremy Frey, Carole Goble, Pamela Fox*
2:00 pm - 3:30 pm	**Web 2.0 Tutorial** (3/5)	
	Web 2.0 Developers Tutorial - Web 2.0 in the real world	*Pamela Fox*
	Web 2.0 case study - how to build your own Google map server and why	*Marlon Pierce*
4:00 pm - 5:30 pm	**Position papers** (4/5)	
	Leveraging Web 2.0 technologies in a Cyberenvironment for Observatory-centric Environmental Research	*<u>Yong Liu</u>, Jim Myers, Barbara Minsker, Joe Futrelle*
	A Grid Resource Ontology	*John Brooke, <u>Donal Fellows</u>, Oscar Corcha*
	Autonomous Semantic Grid: Architecture and Implementation	*Maruf Pasha, Hafiz Farooq Ahmad, <u>Hiroki Suguri</u>*
	Questions and discussion	*David De Roure*
6:00 pm - 7:00 pm	**Panel and Next Steps** (5/5)	
	Informal summary of workshop	*David De Roure and Geoffrey Fox*
	Next Steps, including workshop report	*All*