

# Schedule

Day 1 - 7th Sept	Day 2 - 8th Sept	Day 3 - 9th Sept	Day 4 - 10th Sept	Day 5 - 11th Sept
Infrastructures	Data Theme	Application Interfaces	Workflows & Portals - use and creation	Workflows, Web 2.0, Clouds
Introduction & Welcome	Integration session	Integration session	Integration session	Integration session
Introduction to Distributed computing in the UK - NGS Introduction	Introduction to data management (inc JISC services)	Applications on the infrastructure	RAPID - portal development	Taverna (?)
BREAK				
	OGSA-DAI	SAGA (JSDL, other standards)	NGS Portal and JSDL	Web 2.0 (?)
LUNCH				
NGS practical	OGSA-DAI - practical	SAGA	P-GRADE and workflow	Futures (clouds, etc?)
BREAK				
Campus grid technologies - integrating over scales	SRB & practical/HER MES	GridSAM	P-GRADE - legacy support	NGS roadmap and relation to international infrastructures
BREAK				
Utilising resources National and Institutional - Campus grid technologies practical	SRM - RTF	Expert consultation to get you going at home (certificates)		Farewell Address
Poster session	Poster session			

## Program Committee

- Dr David Fergusson  
(*NeSC, University of Edinburgh*)
- Prof David De Roure  
(*University of Southampton*)
- Prof Jeremy Frey  
(*University of Southampton*)
- Dr David Wallom  
(*University of Oxford*)
- Prof Carole Goble  
(*University of Manchester*)
- Dr Georgina Moulton  
(*University of Manchester*)
- Prof Shantenu Jha  
(*CCT, Louisiana State University*)
- Dr Gergely Sipos  
(*SZTAKI, Budapest*)
- Dr Jano van Hemert  
(*NeSC, University of Edinburgh*)
- Prof Malcolm Atkinson  
(*NeSC, University of Edinburgh*)
- Robin McConnell  
(*NeSC, University of Edinburgh*)

# Advanced Distributed Services Summer School 2009

**Econometric analysis**

**UK Male Imputed Income**

**Climate modelling**

**Example:  $La_xSr_xNiO_4$**

**Neutron Scattering**

**Systems Biology**

H. Woo et al, Phys Rev B 72 064437 (2005)



Working with a number of UK and international partners the Training, Outreach and Education Group at the National e-Science Centre in Edinburgh has delivered a number of Summer School programmes globally in the last 5 years. In conjunction with the NGS this expertise will underpin the delivery of ADSSS in the UK.

## ADSSS Goals:

The aim of the school is to help develop the skills of those involved in providing computational support for research in a wide range of disciplines.

In particular the school will focus on the use of, provision of interfaces to and the development of services based on employing the composition or aggregation of computational or data services. For instance the school will show how to compose a variety of services into bioinformatics work flows which can be used to support biomedical research processes, how to use and develop lab or department scale clusters of computers to run simulations, how to work with the National Grid Service to compose protein simulation models for running on UK or international super computers, developing a portal to support legacy applications. The school aims to provide the students with a familiarity with and the tools to use the facilities available in the UK and internationally to transform current research practices in the light of the developing services being made available in a highly networked world.

## Further Information:

Registration is now open.

Costs - £276 per student  
(including accomodation and meals)

Announcements will be made on the ADSSS web site (<http://www.iceage-eu.org/adsss09/index.cfm>), NGS web site and in the NGS newsletter.