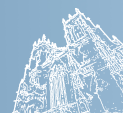


All Hands Meeting 2011



Welcome to the 10th UK e-Science All Hands Meeting 26th to 29th September

This year's AHM features demo sessions, workshops, poster sessions, paper sessions and birds-of-a-feather.

This timetable displays all sessions at the conference, as well as detailed information about all open sessions. A quick reference to the sessions and a location map is provided in delegate lanyards.

This programme is also available in a larger font version.

Sessions are colour coded to denote the room as follows:

RCH001 ● RCH037 ● RCH248/250 ● RCH005 ● RCH017 ● CSE082 ●

Monday 26th September

11:30-18:00	Early Registration	
12:00-13:00	Workshop 1: EPSRC/JISC Cloud Workshop (Lunch and Poster Session) Workshop 2: DevCSI – Hack Events for Academic Research (Lunch)	RCH001 ●
13:00-16:30	Workshop 1: EPSRC/JISC Cloud Workshop	RCH248/250 ●
13:00-16:30	Workshop 2: DevCSI – Hack Events for Academic Research	CSE083 ●

Tuesday 27th September

08:30-09:00	Buses from accommodation to venue	
08:30-09:00	Registration, Refreshments	RCH001 ●
09:00-09:15	Welcome	
09:15-10:15	Keynote 1; Chair: Jim Austin "Cloud: An Industry View" Dave Pearson, Oracle	RCH037 ●
10:15-10:45	Refreshments, Booths	RCH001 ●

10:45-12:25	Session 1: Provenance and Workflows Chair: Jie Xu	RCH037 ●
10:45-11:10	youShare, an online collaboration research environment for sharing data and services	Jim Austin
11:10-11:35	Inline Provenance Node Navigator and its Application in EUROCHAMP-2	Zulkify Mohd Zaki
11:35-12:00	Trusted Digital Spaces through Timely Reliable and Personalised Provenance	Paul Townend
12:00-12:25	The Application of Cloud Computing to Scientific Workflows: A Study of Cost and Performance	Bruce Berriman

10:45-12:50	Session 2: e-Infrastructure Chair: Neil Geddes	RCH248/250 ●
10:45-11:10	Studying the Sun's Corona using an Elastic Virtual Infrastructure for Research Applications (ELVIRA)	Alex Voss
11:10-11:35	RAPPORT: Running Scientific HPC Applications on the Cloud	Jeremy Cohen
11:35-12:00	A NeISS Collaboration to Develop and Use e-Infrastructure for Large-scale Social Simulation	Andy Turner
12:00-12:25	The CARMEN Service Builder	Michael Weeks
12:25-12:50	The Performance and Cost Variability of Amazon EC2	Gary McGilvary

10:45-12:25	Workshop 3: Research Information Centre VRE	RCH017 ●
10:45-10:55	Historical Overview of the RIC Concept	Stephen Andrews
10:55-11:15	SharePoint 2010 Platform Overview, plus RIC Toolkits	Alex Wade
11:15-11:35	LabTrove/SharePoint Connector System	Andrew Milsted
11:35-11:55	RIC II Southampton University SharePoint Templates	Steven Johnston
11:55-12:00	How can people get involved in the community and where is it heading?	Alex Wade David Michael
12:00-12:25	Q&A	

12:45-13:30	Lunch	RCH001 ●
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13:30-15:10	Session 3: Digital Research Chair: Paul Watson	RCH037 ●
13:30-13:55	Enhancing Research Publication using Rich Interactive Narratives	Kenji Takeda
13:55-14:20	FLexible Services for the Support of Research (FLeSSR)	David Wallom
14:20-14:45	Cloud Repositories for Research Data – Addressing the Needs of Researchers	Simon Waddington
14:45-15:10	Entering the cloud with researchers - understanding costs and benefits	Mike Jackson

13:30-15:15	BoF: Multicore Programming Chair: Ian Osborne	RCH 248/250 ●
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13:30-16:30	Workshop 4: Meet the Champions	RCH017 ●
13:30-13:40	Introduction	
13:40-14:10	Engaging Campuses in XSEDE, (Scott Lathrop, Blue Waters Technical Program Manager for Education and Teragrid Area Director for Education. Outreach and Training)	
14:10-14:30	Community Engagement in Europe, (Steve Brewer, Chief Community Officer of the EGI).	
14:30-14:50	UK Champions Networks	
14:50-15:10	Champion Presentation 1	
15:10-15:30	Champion Presentation 2	
15:30-16:30	Panel: "Why should researchers use e-Infrastructure"	

15:15-15:45	Refreshments	RCH001 ●
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15:45-17:25	Session 4: Geoinformatics Chair: Paul Townend	RCH037 ●
15:45-16:10	GeoViQua: Enabling Quality-aware Earth Observation Data for Global Earth Observation System of Systems	Xiaoyu Yang
16:10-16:45	High scale, distributed landslide modelling	Malcolm Anderson
16:45-17:00	The MashMyData project – Combining and comparing environmental science data on the web	Alastair Gemmell
17:00-17:25	Dependability in Federated Cloud Environments	Peter Garraghan

15:45-17:30	Demonstration Session 1 Chair: Aaron Turner	RCH005 ●
15:45-16:00	YouShare Collaborative Portal for Data and Service Sharing	Tom Jackson
16:05-16:20	CloudBIM: Demonstrating Cloud Computing for the Building and Construction Industry	Omer Rana
16:25-16:40	Large-Scale Pedestrian Simulation on the GPU	Twin Karmakharm
16:45-17:15	Kinect, Worldwide Telescope and ChronZoom	Kenji Takeda

16:40-17:25	Speed Poster Presentations [Chair: Tom Jackson]	RCH248/250 ●
17:30-19:30	Wine reception, posters, booths. Sponsored by ETF	RCH001 ●
19:30-20:00	Buses to Accommodation	

Wednesday 28th September

08:30-09:00	Buses from accommodation	
09:15-10:15	Keynote 2; Chair: Anne Trefethen "Delivering Government as Services: Challenges and Opportunities" Ian Osborne, ICT KTN. Sponsored by ICT KTN	RCH037 ●
10:15-10:40	Refreshments, Booths	RCH001 ●

10:40-12:30	Session 5: Prize-Winning Papers. Sponsored by Esteem Systems Chair: Alastair Kitching, Esteem Systems	RCH037 ●
10:40-10:50	Introduction	Jim Austin
10:50-11:15	GATECloud.net: Cloud Infrastructure for Large-Scale, Open-Source Text Processing	Valentin Tablan
11:15-11:40	An Open Source Linked-Data Infrastructure for Publishing Geospatial Data	Arif Shaon
10:40-12:05	Legal Issues in Clouds: Towards a Risk Inventory	Karim Djemame
12:05-12:30	Analysing the LHC Data in the UK	David Colling

12:30-13:15	Lunch	
12:30-13:15	Poster Session and Booths	RCH001 ●

13:15-14:55	Session 6: Informatics and VREs Chair: Malcolm Atkinson	RCH037 ●
13:15-13:40	The human parturition portal	Arun Holden
13:40-14:05	Rapid Brain: Developing a Portal for Brain Imaging Research	Kenton D'Mellow
14:05-14:30	Creating a Secure Distribution Cross-Portlet System for Sharing Electronic Documents	Martin Turner
14:30-14:55	Highly parallel Landscape Evolution Modelling using GPU's	Stephen McGough

13:15-16:30	Workshop 5: Federating IaaS Cloud for UK Research Chair: David Wallom	RCH248/250 ●
13:15-13:30	Introduction and aims for the workshop	David Wallom
13:30-13:55	Activities Around Federated Cloud through UK NGS and JISC FleSSR	David Wallom
13:55-14:20	EduserV and UMF Cloud. Its place within a Federated Cloud Infrastructure for Research	Andy Powell
14:20-14:45	StratusLab and Middleware for Federated Hybrid Clouds	Cal Loomis
14:45-15:10	Contrail: EC FP7 Project on Federated Clouds	Jens Jensen
15:10-15:35	EGI Visualisation Task Force	Metteo Turilli
15:35-16:15	Panel: Can current services created for federated grid and HPC resources be easily refactored for cloud?	
16:15-16:30	Conclusion	

13:15-17:15	Workshop 6: Community Capability Model for Data-Intensive Research	CSE082/083 ●
13:15-13:20	Welcome	Liz Lyon
13:20-13:40	Introducing the Community Capability Model	Liz Lyon
13:40-14:10	Domain Exemplars:	Brain Matthews Philip Lord David de Roure
14:10-15:00	Group Work 1 – Defining a Community Capability Model	Liz Lyon Manjula Patel Kenji Takeda Alex Wade
15:00-15:20	Feedback Session	Liz Lyon
15:20-15:40	Coffee Break	
15:40-16:30	Group Work 2 – Community Capability Metrics: Assessing and measuring activity	Liz Lyon Manjula Patel Kenji Takeda Alex Wade
16:30-17:15	Feedback session and Discussion, Close	Kenji Takeda

15:00-15:30	Coffee	
15:00-17:15	Poster Session and Booths	RCH001 ●

15:30-17:15	Demonstration Session 2 Chair: Aaron Turner	RCH005 ●
15:30-15:45	The MashMyData Project – Intercomparing Environmental Data on the Web	Alistair Gemmel
15:50-16:05	NeiSS and Genesis on the NGS	Tom Doherty
16:10-16:25	Laser Facility Data Management Software	Alistair Mills
16:30-16:45	MAGICal Moments: Snippet Editing of Multiple Video Data Streams	Martin Turner
16:50-17:15	Demonstration of the OPTIMIS Toolkit for Cloud	Karim Djemame

15:30-17:10	Session 7: Applications Chair Neil Chue Hong	RCH037 ●
15:30-15:55	Enhancing the Optimisation Capabilities and Intelligence of an Automatic Design Software	Timoleon Kipouros
15:55-16:20	Developing Applications using the e-Science Central API	Simon Woodman
16:20-16:45	Towards Web-Scale Computational Musicology: An Update on the SALAMI Project	Mert Bay
16:45-17:10	Moving Computationally Intensive Numerical Applications to the Cloud	Anthony Keenan

17:30-18:00	Bus to Accommodation	
18:45	Bus to National Railway Museum	
19:00-19:45	Walk round National Railway Museum	
19:45-22:15	Dinner at National Railway Museum	
22:15	Return bus to accommodation	

Thursday 29th September

08:30-09:00	Bus from accommodation to venue	
09:15-10:15	Keynote 3; Chair: "e-Science: Enabling Data Intensive Research" Daron Green, Microsoft Keynote sponsored by Microsoft	RCH037 ●
10:15-10:45	Coffee	RCH001 ●
10:45-12:25	Session 8: Governance and Security Chair: David De Roure	RCH037 ●
10:45-11:10	A Context-Aware Intrusion Severity Analysis Scheme for Clouds	Paul Townend
11:10-11:35	Governance Model for Cloud Computing in Building Information Management	Omer Rana
11:35-12:00	Privacy challenges in digital societies: A framework for privacy-based decision-making in a connected world	Rob Smith
12:00-12:25	A mapping of current e-Science research areas to data, information and knowledge management challenges in environmental regulation and management.	Chris Martin
10:45-12:25	Session 9: Cloud Computing Chair: Tom Jackson	RCH248/250 ●
10:45-11:10	The UMF HE Cloud Pilot: architecting an IaaS offer for higher education	Andy Powell
11:10-11:35	Energy-Aware Cloud Computing Through Exploitation of Workload and Hardware Heterogeneity	Ismael Solis Moreno
11:35-12:00	Benchmarking of Cloud Infrastructure for High Performance Computing	Adrian Jackson
12:00-12:25	Scalable and Responsive Event Processing in the Cloud	Visalakshmi Suresh
12:30-13:15	Keynote 4; Chair: Jie Xu "Social Inclusion Through the Digital Economy: An e-Science Perspective" Paul Watston, University of Newcastle	RCH037 ●
13:15-13:30	Wrap up, raffle, The way forward: Jie Xu, Jim Austin, Anne Trefethen and Malcolm Atkinson Close	
13:30-17:15	Workshop 7: UMF Cloud and Shared Services	CSE082/083 ●