David de Roure: eScience is about Scientists too

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Abstract

eScience presents a vision of new scientific outcomes enabled by a new infrastructure. This cyberinfrastructure or eInfrastructure perspective brings with it a mindset of delivery of grid services to users. But is this approach fundamentally wrong? If we look at what researchers actually do, perhaps we will find that some new thinking is required.

This talk promotes a people-centric perspective on eScience infrastructure and suggests that it is time to re-evaluate the Grid ambition.

About the speaker

David De Roure graduated in mathematics with physics from the University of Southampton, UK, in 1984 and obtained a PhD in distributed systems in 1990. He is a full professor in the School of Electronics and Computer Science at the University of Southampton, where he was a founding member of the Intelligence, Agents, Multimedia Group and is currently head of the Grid and Pervasive Computing Group. He is Chair of the Open Middleware Infrastructure Institute UK, and Director of the Centre for Pervasive Computing in the Environment funded by the UK Department of Trade and Industry.

His research interest is in the application of knowledge technologies to Grid and pervasive computing. Professor De Roure chairs the Semantic Grid Research Group in the Open Grid Forum and sits on the Grid Forum Steering Group as Area Director for e-Science. He is also a member of the W3C Advisory Committee and national committees including the JISC Committee for Support of Research and the Arts and Humanities Data Service and e-Science programme. He is a Fellow of the British Computer Society.