e-Science Project Management
Creating a new framework

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Why is this an issue for e-Science?

- Apparent from experience that standard methodologies like Prince 2, PMI do not support these types of projects sufficiently
- NESC workshop in December 2002 instigated discussions on these issues
- Changing focus of e-Science projects re commercial applicability and collaboration add further complexities
- Project performance matters - much PR puts project teams in the spotlight
Project Experience Presentations

• Tom Jackson, York University – 'DAME Project Management Experience”

• Tony Linde, University of Leicester – Astrogrid – 'The use of iterative methodologies in e-Science Projects’

• Dave Pearson – Oracle – OGSA-DAI ‘OGSA-DAI Project Experiences’

• Mark Parsons, EPCC National e-Science Centre – ‘IPR and Contractual Issues on e-Science Projects’
Discussion

• Recap on Issues Raised.... Discuss → Conclusive list
• Collect information on possible solutions or resources
• Collect interest in determining a collaborative framework whether pre-existing or new
• Determine next steps beyond All Hands
Recap on Highlighted Problems as a starter

- Project Initiation... from proposal to project start, including stakeholder management
- Project Organisation and structure
- E-Science Requirements Modelling
- Iterative Project Planning
- Project Control methods
- Project Tools - management, planning, repositories, communication
- Collaborative methods
- Communication and Reporting, including stakeholder management
- Legal issues, IPR and licensing
- Software Development Processes - startup, Development, testing, release management
- Publications and balancing the research versus commercial pressures
- PR Activity
Should we add any more...?
What resources can we utilise?

- Collection of lessons learnt from eScience Project Managers? (pool best practise in e.g. project initiation, requirements processes, project control)
- Existing Methodology reviews? Review e.g. Prince 2, PMI, DSDM methodologies
- Pool experience of research project management knowledge E.g. 'Project Management Theory and Management of Research Projects', Erik Erno-kjolhede, January 2000
- Review of 'Product Management' methodologies
- NERC Project Management Review
Interest in Pursuing?

Next Steps?