

*European Grid Technology Days: Sept 04*

## *Industry Forum*

### Exploiting European Strength in Grid research – preparing a road map for implementation

#### **Time budget - 90 minutes**

Opening comments: moderator & 5 panelists; <6 minutes each:	35 mins
Question from audience:	10 mins
Panel debate of key issues:	35 mins
Recommendations and conclusions	10mins

*Lunch @ 1300 if we make it!!*

# The Panel

- Moderator: **Sir John Taylor**,  
*Chairman, Roke Manor Research,  
lately Director General of Research Councils, OST, UK*
- **\*\*Mr Wolfgang Boch**, *Head of Grid Technologies Unit, & representing  
Mr. F.Colasanti, Director General, Information Society,  
European Commission*
- **Mr. J. Schaper**, *VP Research Americas, SAP*
- **Mr. M. Teyssedre**, *VP Strategic Business Developpt - ISG – EMEA, IBM*
- **Mr. S. Sim**, *General Manager Research, BT*
- **Mr. G. Garrison**, *Director, PricewaterhouseCoopers, Menlo Park Europe*
- **Mr. G. Kahn**, *President and CEO, INRIA*
- **\*\*Mr. I. Padilla**, *CEO, Telefónica I+D*
- **\*\*Mr. D. Snelling**, *Chair Next Generation Grid Expert Group, Fujitsu  
Laboratories of Europe*

**\*\*** - keynote speaker today

# Topics for discussion – given by EU

- What is the demand for Grid research?
- How will convergence of Web and Grid services accelerate industrial-strength middleware?
- What are “killer applications” for industry?
- How can Europe turn top quality Grid research into commercial advantage?
- Could a mixed partnership platform of end users, providers, researchers etc put Europe ahead in capitalising on grid technologies?

# Topics for outcomes - given by EU

- Relevance & importance of Grid research
- Indication of future markets by 2007, 2010
- Likely benefits of Grid computing
- Will Web services and Grid services lead to “service oriented architectures”?
- Obstacles to full market take up
- Actions to overcome European fragmentation
  - industry forum?
- Identification of industry players in such a forum
  - Technology providers, service providers, end users

# Topics for discussion: agreed by Panel

1. How to get more **application pull** for commercial uses of Grids
  - Should we form application clusters, in which areas?
  - Should we explore applications spaces cooperatively between users and providers – eg healthcare, engineering, environment
2. How to contribute to development and supply of global grid **infrastructures**
  - Europe must contribute to global solutions, not compete and try to do a “European grid”
  - So where should Europe focus?
3. Service provision via Grids is a key business opportunity
  - What are the business models, supply chains
  - what are the key areas of added value?
4. Commercial success requires that new Grid-based technologies, applications and businesses succeed in international markets. What are the “routes to global markets” for Europe?
5. What are the key missing areas of partnership and cooperation in Europe?

# Topics for Panel discussion

5 topics – 7 minutes each

1. ***Exploring new applications:*** What are most fruitful **application pull** and cluster areas for European focus?
2. ***Infrastructure R&D:*** Where should Europe focus to make maximum **contribution to global middleware**? Where can European companies add maximum value to Grid technologies?
3. ***Just use it:*** Where can European companies get maximum benefit from **exploiting global Grid technologies** – new Grid-based services, applications?
4. What are the **routes to global markets** for new Grid-based products and services from Europe?
5. What are the key **obstacles** for Europe? Are there key missing areas of cooperation and partnership in Europe?

# Recommendations and conclusions

## -10 mins

Ask rapporteurs to summarise the conclusions we develop in the discussion of the 5 questions:

1. **Schaper:** *Most fruitful application pull and application cluster areas for exploration and development in Europe?*
2. **Snelling:** *European focus areas for maximum contribution to global middleware & infrastructure?*
3. **Sim:** *Areas of maximum benefit for Europe from exploiting global Grid technologies?*
4. **Garrison:** *Routes to market for new Grid-based businesses?*
5. **Teyssedre:** *Key challenges, key missing areas of cooperation in Europe?*