

Grid Entrepreneurship Day

IT Auditorium
Wednesday 26 July 2006

Francois Grey



CERN
openlab

Morning Session

- 09:00 Welcome and Introduction to the EGEE project
Bob Jones, Director of the EGEE project
- 09:15 Setting the Scene: why Grid and Entrepreneurship?
Francois Grey, coordinator, openlab student programme
- 09:30 Assessing the market potential of technology
Nathan Hill, PPARC KITE Club Innovation Advisory Service
- 10:15 An assessment of the Industrial potential of EGEE
Alex Efimov, PPARC KITE Club Innovation Advisory Service
- 10:45 Coffee break
- 11:00 Developing a spin-out company - *Nathan Hill*
- 11:30 Grid spin-out Case Study #1: Kerlabs - Pascal Gallard, CEO
- 12:00 Grid spin-out Case Study #2: MESH Technologies
Søren F. Nielsen, CEO
- 12:30 Lunch Break

Afternoon Session

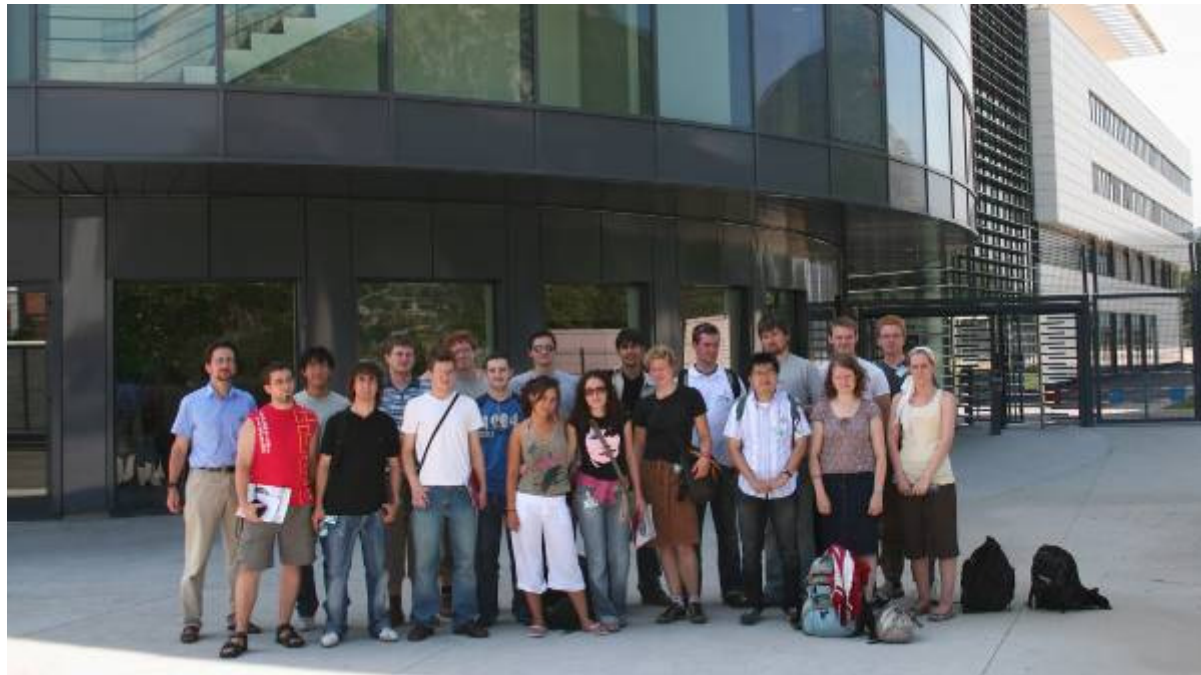
- 14:00 Knowledge and technology transfer at CERN
Beatrice Bressan, CERN Technology Transfer
- 14:15 Regional Case Study #1: Spin-outs in France and Switzerland
Joint presentation by Bruna Carchia, Agence de
Développement du Pays de Gex et Bellegarde and
Daniel Loeffler, Office de la Promotion Economique, Geneve
- 14:45 Regional Case Study #2: Spin-outs in Finland
Antti Heikkilä, Big Science ILO associate and EGEE Industry
Liaison, Finland
- 15:00 Coffee Break
- 15:15 Partnering with Industry - *Nathan Hill*
- 16:00 Managing Intellectual Property - *Alex Efimov*
- 16:45 Q&A, Wrap-up
- 17:00 End of workshop



CERN openlab student programme

CERN openlab student programme

- 20 Students from Europe, Japan, Mexico, Pakistan, US (BSc-MSc-PhD levels)
- Projects involving Grid technology, team-based
- Co-funding from participating institutions, industry partners HP and Intel
- 2 months at CERN + company visits + pre- and post- visit projects





Motivation for this workshop

CERN, the Grid and entrepreneurship: a survey of career aspirations and entrepreneurial intentions of staff involved in Grid technology development at CERN

Otto Nyberg[\[1\]](#), Pia Arenius[\[2\]](#), Ari-Pekka Hameri[\[3\]](#) and Francois Grey[\[4\]](#)

[\[1\]](#) EPFL Lausanne and Helsinki University of Technology

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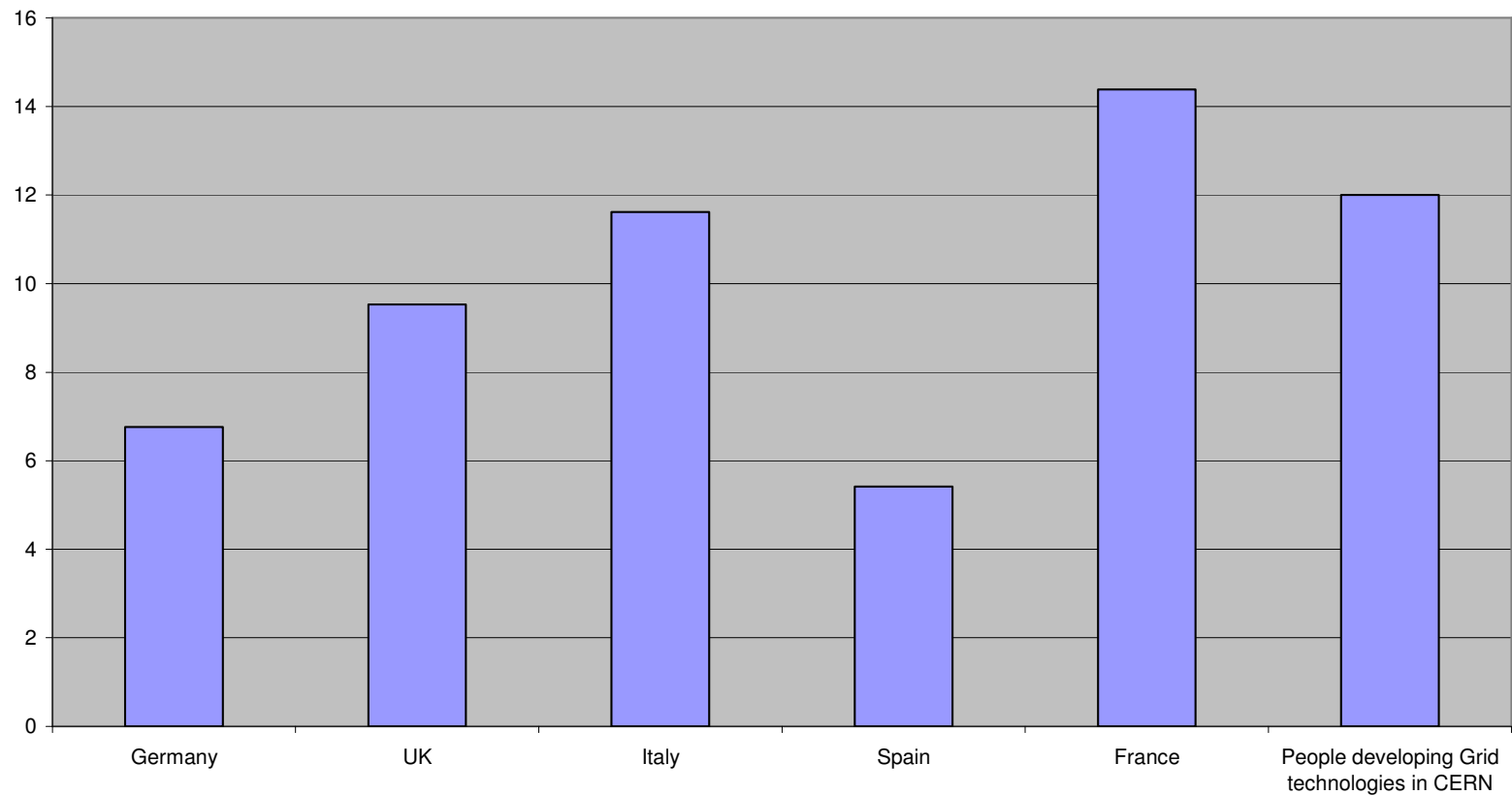
Survey of Grid-related persons in IT and PH

- 82 responses acquired
- 67% expect to stay at CERN (permanently)
- 2% interested in career in private industry
- 7% interested in academic career (not at CERN)
- 12% considering starting business in next three years



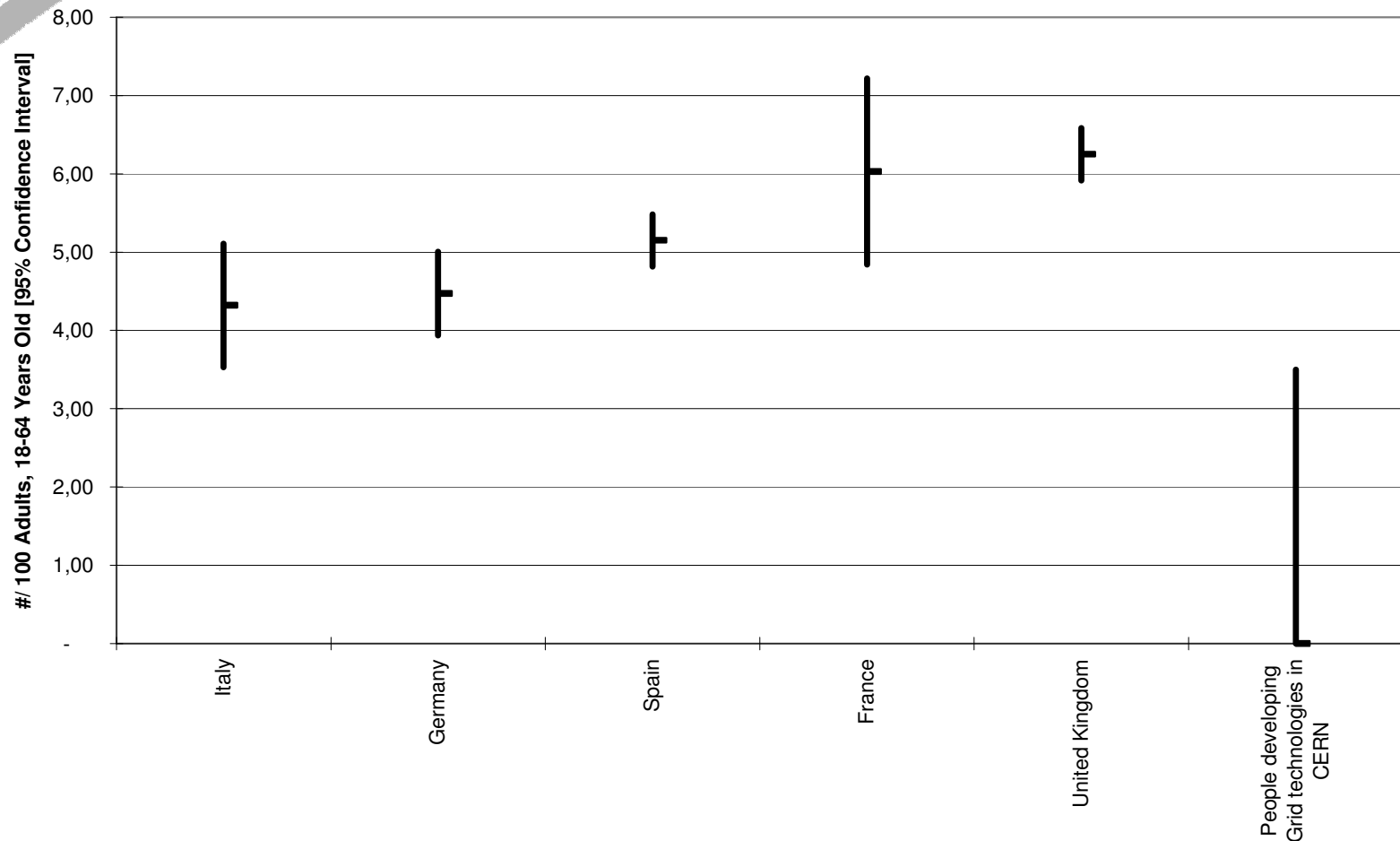
Entrepreneurial aspirations...

Persons per 100 expecting to start business in next 3 years



...and entrepreneurial activity

Total Entrepreneurial Activity [TEA Prevalence] 2004: By Country



The **Total Entrepreneurial Activity-index (TEA-index)** is an index used by the Global Entrepreneurship Monitor (GEM) to measure how much is actually being done in the entrepreneurial field for the moment, in a given population. Because it **measures real activity, rather than aspirations**, it is considered a highly significant index.

Recommended Actions



-Initiating regular IT Job Fairs organised together with industry partners to present opportunities in the private sector.

-Organising presentations by regional and European entrepreneurial organisations to explain how to start high-tech ventures, as well as by CERN Technology Transfer to explain how CERN can help in this process.

-Creating an IT alumni organisation where ex-CERN employees who have established themselves in European industry and can network with young staff and provide useful advice.

-Encouraging young staff to compete in business plan competitions, such as the McKinsey Venture Cup, which introduce scientists and engineers in a stimulating and educational way to the world of business and entrepreneurship.