

PATENT STATISTICS, INNOVATION MANAGEMENT AND IPR
 "Innovation and Regulation in Digital Services" Chair/ JRC-IPTS

Conference, June 5, 2012

Introduction: - *Pierre Jean Benghozi*

1. The value of patents in a digital world?

Chair: Pierre Jean Benghozi

- In an industry with highly sequential innovation such as the software industry do patenting prevent rather than foster innovation?
- Do software patents tend to reduce competition, raise prices, slow down innovation, and encourage cartel behaviour(for example, patent pools)?
- Or providing an important and legitimate incentive for R&D?
- What is the right balance between the protection of IPR and competition to foster innovation?

- **The tragedy of the patent?** *Simon Forge, SCF Associates Ltd, London.*

- **Patents and possible failures in the digital world** – *Lessons from the patent wars. Jim Bessen, Boston University School (US)*

- *Competition and IP, Matthew Heim, Senior Director, Government Affairs & Counsel, Qualcomm.*

2. Asia: the raising star on the innovation skyline.

Chair: Jean Paul Simon

Introduction

- The most striking fact is the impressive entrance China made in ICT patenting activity: China's inventive output increased massively starting in 2000 and overtaking both the EU and US output by the mid-2000s.
- Data shows that the ICT patent applications filed by China- and Korea-based inventors in 2007 summed up to 91% of the total Asian ICT application output.

- **Setting the scene: Network analysis on IT patenting strategies** - *Daniel Nepelski, JRC-IPTS*

- **Patent in China.** *Yang Yang, Shanghai Research Center for Wireless Communications (WiCO), Chinese Academy of Sciences.*

3. Patenting strategies

Chair: Yann Ménière, Ecole des Mines, Paris

Introduction to Patenting Strategies

- How patents are taking place in the global R&D networks international division of innovation processes?
- What are the main strategies to manage the patents portfolio?
- How to they vary according to the core business, the size and age of the company?

- **Claudia Tapia Garcia,** *Director, IP Policy Patent & Standards Strategy, RIM*

- **Monica Magnusson,** *Director, Patent Portfolio Management, Ericson*

- **George Whitten,** *Patent Attorney Litigator, Qualcomm.*

4. From patent statistics to information tools

Chair: Alain Vallée

- What can patent analysis bring to better understand innovation processes?

- [How and what to measure with patent data: overall and ICT overview](#) - Giuditta De Prato, JRC-IPTS

- [Network Patent Analysis](#), Mike Lloyd, International Marketing Manager, Ambercrite.com., Ambercrite (AU)

5. Measuring inventive output only? Patent at company level

Chair: Daniel Nepelski

- What are the main advantages of using patent as a proxy of inventive output?

- What are the main limits? Are we missing major forms of innovation?

- Bart Van Looy, KU Leuven – ECOOM

- [New insights into firm level innovation, user matched UK data](#)” Benjamin Mitra-Kahn, Economic Advisor, Economics, Research & Evidence, UK IP Office.

6. Location of inventive activity

Chair: Giuditta De Prato

- [Measuring patent quality and radicalness of patents filed by regions](#): example of the ICT sector, H el ene Dernis, REGPAT & OECD-IPR statistics on Digital Technologies-, OECD Paris

- [The EP-INV dataset and preliminary results](#), Andrea Maurino, Univeristy of Milano Bicocca (IT)

Conclusion/ Wrap up

Pierre Jean Benghozi, Giuditta De Prato