

Patent Statistics

for Decision Makers

**12 – 13
November**

2013

Rio de Janeiro - Brazil

www.oecd.org/sti/patents

www.epo.org/stat

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INPI BRAZILIAN
NATIONAL INSTITUTE
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PROPERTY



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EUROSTAT ■ JPO ■ KIPO ■ NSF ■ USPTO

Conference venue: Hotel Rio Othon Palace

Avenida Atlântica, 3264 - Copacabana, Rio de Janeiro, 22070-000 - Brazil

Pre-event , Monday , 11th November 2013

14:00-18:00 **PATSTAT Workshop**

European Patent Office (EPO) - www.epo.org/stat

18:00-18:30 **Launch of the OECD Science, Technology and Industry Scoreboard 2013**

Organisation for Economic Co-operation and Development (OECD) - www.oecd.org/sti/scoreboard

Day 1, 12th November 2013

8:45- 9:00 **Registration - Rio Othon Palace**

9:00- 9:30 **Welcome and Opening Addresses**

Jorge Ávila - President, Instituto Nacional de Propriedade Industrial (INPI)

*François-Régis Hannart - Principal Director, European and International Co-operation
European Patent Office (EPO)*

*Andrew Wyckoff - Director, Directorate for Science, Technology and Industry
Organisation for Economic Co-operation and Development (OECD)*

José Graça Aranha - Regional Director, Brazil Office

World Intellectual Property Organization (WIPO)

9:30-11:00 **Session 1: IP Strategies**

Chair: Bronwyn H. Hall - University of California, Berkeley and UNU-MERIT

Complementarity, Fragmentation and the Effects of Patent Thicket

Sadao Nagaoka - Hitotsubashi University

Yoichiro Nishimura - Kanagawa University

The Value of Patent and Trademark Pairs

Grid Thoma - University of Camerino

Patents and other appropriability methods: Impacts on export performance of Brazilian firms

Graziela Ferrero Zucoloto - Instituto de Pesquisa Econômica Aplicada (IPEA)

11:00-11:30 Coffee Break

11:30-13:00 **Session 2: IP and Economic Performance**

Chair: Sadao Nagaoka - Hitotsubashi University

Patent Value and Citations: Creative Destruction or Defensive Disruption?

David S. Abrams - University of Pennsylvania

Ufuk Akcigit - University of Pennsylvania and NBER

Jillian Popadak - University of Pennsylvania

Do Resources Flow to Innovative Firms? Evidence from Firms in OECD Countries

Carlo Menon - OECD

Chiara Criscuolo - OECD

Dan Andrews - OECD

IPR-Intensive Industries: Contribution to Economic Performance and Employment in the EU

Theon van Dijk - EPO

13:00-14:30 Lunch Break

**Session 3: Panel - Leveraging on IP Assets for Economic Growth
on-going initiatives at IP offices**

14:30-16:00

Moderator: Andrew Wyckoff - Director, Directorate for Science, Technology and Industry, OECD

Theon van Dijk - EPO

Sergio Medeiros Paulino de Carvalho - INPI

Tony Clayton - UK Intellectual Property Office

Benjamin Mitra-Kahn - IP Australia

Stuart Graham - Georgia Institute of Technology and USPTO advisor

16:00-16:30 Coffee Break

Session 4: Patents and Human Capital Mobility

16:30-18:00

Chair: Eduardo da Motta e Albuquerque - Federal University of Minas Gerais (UFMG)

Foreign inventors in Europe and the US: Testing for Self-Selection and Diaspora Effects

Stefano Breschi - Università Bocconi

Francesco Lissoni - Università Bocconi and Université Montesquieu, Bordeaux IV

Science Unfolding in Technology: a Cross-Country Analysis of Scientific Citations in Patents

Julie Callaert - KU Leuven

Jan-Bart Vervenne - KU Leuven

Bart van Looy - KU Leuven and University of Twente

Inventor Diasporas and the Internationalization of Technology

Ernest Miguélez - WIPO, University of Barcelona and CReAM

18:00-18:30 **Poster Session**

20:00-22:00 **Dinner**

Day 2, 13th November 2013

Session 5: Green Patenting

9:00-11:00

Chair: Stuart Graham - Georgia Institute of Technology and USPTO advisor

Innovation and Diffusion of Clean/Green Technology: Can Patent Commons Help?

Bronwyn H. Hall - University of California, Berkeley and UNU-MERIT

Christian Helmers - Universidad Carlos III de Madrid

Fast-Tracking 'Green' Patent Applications: An Empirical Analysis

Antoine Dechezleprêtre - London School of Economics

Patenting Trends in Green Technology of Gasification in Brazil:

The Current Analysis by Patent Statistics

Douglas Alves Santos - Federal University of Rio de Janeiro and INPI

Mauricio Bezerra De Souza Jr. - Federal University of Rio de Janeiro

Edward Winter - INPI

Patent Statistics for International Comparisons and Analysis of Narrow Technological Fields

Ivan Hascic - OECD

Jérôme Silva - OECD

11:00-11:30 Coffee Break

11:30-13:00

Session 6: The Market for Ideas

Chair: Mário Alexandre Gonçalves - Whirlpool

The Market for Standard Essential Patents. Evidence from European Data (1997-2011)

Yann Ménière - MINES ParisTech

Tim Pohlmann - MINES ParisTech and Technical University of Berlin

What Do Patent-based Indicators Tell Us About Product Commercialization?

Simon Wakeman - European School of Management and Technology

Stefan Wagner - European School of Management and Technology

Contracting for Technology Transfer: Patents, Know-How and IP Bundles

Catalina Martinez - CSIC-IPP

Pluvia Zuniga - UNU-MERIT

13:00-14:15 Lunch Break

14:15-16:00

Session 7: Patent Systems

Chair: Chong Sun Hong - SungKyunKwan University

Do Inventors Value Secrecy in Patenting?

Evidence from the American Inventor's Protection Act of 1999

Stuart Graham - Georgia Institute of Technology and USPTO advisor

Deepak Hegde - New York University

Determinants of Patent Pendency

Tony Clayton and Nadiya Sultan - UK Intellectual Property Office

Benjamin Mitra-Kahn - IP Australia

Alan Marco - USPTO

Stuart Graham - Georgia Institute of Technology and USPTO advisor

Deferred Patent Examination

Ilja Rudyk - Ludwig-Maximilians-Universität

Is Strategic Patenting still in vogue?

A Reassessment of Motives to Patent a Decade after the Patent Surge

Knut Blind - Technical University of Berlin

Sören Simon Petersen - Technical University of Berlin

Julius Rauber - Technical University of Berlin

16:00-16:30 Coffee Break

16:30-18:00

Session 8: The Geography of Innovation and Technological Change

Chair: Paulo Furquim de Azevedo - Getúlio Vargas Foundation (FGV)

Relatedness and Technological Change in Cities

Pierre-Alexandre Balland - Utrecht University and Eindhoven University of Technology

Ron Boschma - Lund University and Utrecht University

Dieter Kogler - University College Dublin

Territorial Factors Affecting Innovation in the Micro-Regions of São Paulo

Suelene Mascarini - University of São Paulo

Renato Garcia - University of São Paulo

Veneziano de Castro Araujo - University of São Paulo

Does Government Funding Increase Patenting in the Nanotechnology Field?

Where Does Quebec Stand in Comparison to the Rest of Canada?

Leila Tahmooresnejad - Polytechnique Montréal

Catherine Beaudry - Polytechnique Montréal

18:00-18:10

Closing Remarks - End of Conference

Poster Presentations

Patent Statistics for Decision Makers 2013

1. Collaboration Spotting, Software Package Combining Advanced Mining and Semantics Techniques with Interactive Socio-metric Diagrams to Understand the Publication and Patent Landscapes at the Technology Forefront

A. Agocs, S. Fragkiskos, J.-M. Le Goff and E. Skogstad - *European Organisation for Nuclear Research*
H. Tanev and E. Van der Goot - *European Commission – Joint Research Centre*

2. Patents and Innovation in Brazil: Local Factors and Spatial Proximity

Veneziano de Castro Araujo - *University of São Paulo*
Renato Garcia - *University of São Paulo*
Suelene Mascarini - *University of São Paulo*

3. Patent Statistics and co-Authorship/co-Ownership Network Analysis in Dengue and Human Papillomavirus (HPV) Vaccines' R&D: Implications for Public Policy

Priscila Rohem dos Santos - *INPI*
Claudia Ines Chamas and Carlos Médicis Morel - *Fundação Oswaldo Cruz*

4. Patent Statistics on Cancer as a Tool for Policy-Making Decision in the Health Sector

M. C. Emerick, A. Campos Moreira Britto, E. R. Anchite Vieira, L. Costa Duarte Longa,
L. Silva Leite - *Fundação Oswaldo Cruz*
C. d'Urso de Souza Mendes Santos, E. Vianna Saraiva, P. Rohem dos Santos,
R. Di Sabato Guerrante - *INPI*
F. M. Lins Mendes - *Federal University of Rio de Janeiro*
A. M. de Souza Antunes - *INPI and Federal University of Rio de Janeiro*

5. Patents and Climate Change Mitigation Technologies in Latin America

G. Owens - *EPO*