

# IP STATISTICS

## FOR DECISION MAKERS

# 2018

EUIPO

Alicante, Spain

23 - 24 October 2018

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## Call for papers

### Background

Intellectual property (IP) rights are supposed to promote investment in activities aimed at developing new technologies and improved products and processes. IP rights give innovators and creators time-bound rights allowing them to benefit from their technological advances and original work, and to obtain a return on their investment. In addition, the information about the new technologies, products and services made publicly available through some IP rights may allow others to build on this knowledge, thus enabling further technological advances and creativity. This may in turn help industries to grow and flourish, and foster the creation and development of the market for ideas.

As the digital transformation unfolds and markets get progressively more interlinked through global value chains, IP systems and IP rights both see their importance grow and get challenged along a number of dimensions. Empirical evidence is thus required to inform a number of business and policy-relevant questions, related to the role of IP, including phenomena such as: which IP rights best suit 3D printing needs? Does Artificial Intelligence (AI) develop at a speed that makes (some) IP rights not fit for purpose? Do economic agents in fast developing technologies and markets 'walk the talk' and rely on IP-free strategies? What role do IP rights play with respect to the Internet of Things (IoT)? How to best align country-specific IP systems and IP rights with the needs of creative and production processes happening across countries?

These are among the questions that IP data and analysis can help inform, thus shedding light on decisions related to science and technology developments, R&D and innovation, entrepreneurship and enterprise dynamics, market structure and dynamics, trade and comparative advantage, and economic development and growth. IP data can also help reveal important facts about how IP systems themselves are performing, and thus contribute to make their design aligned with the needs of the digital economy.

This year's **IP Statistics for Decision Makers (IPSDM)** conference will take place in Alicante, Spain, co-organised by the European Union Intellectual Property Office (EUIPO) and the Organisation for Economic Co-operation and Development (OECD).

### Focus of the Conference

The IPSDM conference aims to discuss how intellectual property data, statistics and analysis are used and can be used to inform decision-makers in both the public and private sectors, and to identify key information needs and possible shortcomings.

The 2018 IPSDM conference will discuss the latest empirical evidence based on IP statistics related to:

- IP and the digital transformation: the role of IP for Artificial Intelligence, the Internet of Things, Blockchains and Fintech.
- IP bundles and the knowledge economy: which challenges? Which opportunities?
- IPR, standards and standard setting mechanisms.
- Trademarks and designs: the role of IP for branding and for service and creative industries.
- International IP systems and IP in the EU single market.
- IP valuation methods and the market for IP rights.
- Science-industry links, university technology transfer and the role of IP.
- IPRs and SMEs: barrier to entry and growth or performance enablers?
- Violation of IP rights: counterfeiting, piracy and copyright infringement.
- Creative commons and open source: challenge or complement to the IPR system?
- IP Offices' practices impact on the efficiency and outcomes of IP systems.

### Scientific Committee

The Scientific Committee of the 2018 IPSDM conference features:

- **Carolina Castaldi**, *Eindhoven University of Technology* (NL)
- **Christine Greenhalgh**, *University of Oxford* (UK)
- **Bronwyn Hall**, *University of California at Berkeley* (US)
- **Dietmar Harhoff**, *Max Planck Institute for Innovation and Competition* (DE)
- **Keun Lee**, *Seoul National University* (KR)
- **Mark Schankerman**, *London School of Economics* (UK)
- **Rahul Telang**, *Carnegie Mellon University* (US)
- **Ruth Towse**, *Bournemouth University* (UK)
- **Catherine Tucker**, *MIT Sloan School of Management* (US)

### Target audience

The event is targeted at decision-makers from the public and private sector, academics, analysts, practitioners, IP service firms and other experts dealing with innovation, intangible assets, academic entrepreneurship, enterprise dynamics, competition, trade and science and technology-related issues.

### Papers' and extended abstracts' submissions

Researchers interested in the topics listed above or in any IP-relevant analytical and/or statistical issue are invited to submit an electronic version of their paper, or an extended abstract of at least three pages, to [ipsdm@oecd.org](mailto:ipsdm@oecd.org). Please feel free to circulate this call for papers among your contacts and all those that may be interested in participating in the event.

### Deadlines

Submissions by 17 June 2018

Notification of acceptance by 28 July 2018

Full papers due by 5 October 2018

Presentations due by 17 October 2018

### Registration

Registration will start in June 2018.  
Please refer to the conference pages  
for further details in due course.

### Venue

EUIPO  
Avenida De Europa, 4  
03008 Alicante  
Spain

## First IPSDM “Big Data Analytics” challenge: the race is on!

New ways to access and analyse big data make it possible to elicit information complementing traditional statistics and data sources and may represent a powerful addition to existing econometric toolboxes. The IPSDM 2018 conference will host its first “Big Data Analytics” challenge, aimed at **finding novel ways of accessing, combining, analysing and visualising IP data**.

Teams devising new ways to gather, link, analyse and visualise available IP rights datasets and/or proposing new big-data-based methods and algorithms aimed to collect and explore linked IP and innovation-relevant data are invited to:

- notify the OECD and the EUIPO (through by sending a message to [ipsdm@oecd.org](mailto:ipsdm@oecd.org)) their intention to participate and a 200 word max description of what they intend to do by Sunday 24 June;
- provide information on the preliminary developments by Sunday 15 July (data source, methodology, outcomes);
- submit their internet-based tools (portals, webs, apps, etc) to the OECD and the EUIPO through [ipsdm@oecd.org](mailto:ipsdm@oecd.org) by Sunday 29 July (by *Midnight CEST*), including accompanying material highlighting the key data, functionalities and features of the proposed tool.

Intermediate results will be shared among participants at different points in time.

The focus of the 2018 IPSDM “Big Data Analytics” challenge is:

- **Analysing the emergence of new technologies**, notably using data mining techniques (e.g. AI-related technologies and applications, the convergence of digital technologies with others);
- **Obtaining new insights from combining diverse datasets with IPR repositories** (e.g. the data matching exercises carried out by EUIPO for its IP contribution studies, the EPO PATSTAT database and/or identification of climate change mitigation technologies, the JRC-OECD COR&DIP database, the USPTO's cancer moonshot patent dataset, or any other relevant dataset) **or from new sources of data on innovation activity** (e.g. scientific publications).

More generally, innovative ways to access, combine, analyse and visualise IP and innovation-related data will also be considered, **especially if related to the digital transformation**.

The **top 3 teams / individuals** will:

- be invited to participate in the IPSDM conference, with their travel and accommodation sponsored by the organisers;
- present their results to the OECD IP Taskforce and at the event;
- have a link to their tool included in the web of the conference and of the organisers.

For any question, please contact [ipsdm@oecd.org](mailto:ipsdm@oecd.org).

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