



CONFERENCE PROGRAMME

6 - 8 September 2017

Location: [ESIEE](#) (Paris)

2 boulevard Blaise Pascal
Cité Descartes
93162 Noisy-le-Grand Cedex

The 2017 STI conference addresses the new issues and challenges that have appeared in Science, Technology and Innovation indicators. We have witnessed sharp changes in the recent years: new areas of knowledge are appearing, new types of objects need to be taken into account, new methodologies and visualisations have been proposed, a combination of different policy interests emerging from a large variety of social actors modify the demands addressed to indicators. Most of these challenges relate to profound changes in the way science, technology and innovation relate to society; indicators – necessarily – reflect these changes, taking into account the needs and strategies of the many different actors involved.

The Conference will be the opportunity to showcase results from the intense work done in recent years on the way science, technology and innovation indicators are used in relating social actors to science and technology. The range of relations between science and society has been expanded into a dizzying array of forms that include a large variety of knowledge producing activities such as: open science and open innovation, collaborative projects that include social actors, crowdsourcing in large digital platforms, the inclusion of local and “indigenous” knowledge in development programmes, closer connections between users and producers of scientific and technological devices, a growing digitalisation, a shifting balance between productive and ‘access to market’ activities, new developments such as the sharing economy, crowdfunding, responsible innovation, technology ‘makers’ and ‘do-it-yourself’ movements... They drive to new governance issues, but also to new requirements for indicator designers and multiple experiments that the conference should discuss.

Participatory research programmes, combined with active civil society organizations, promote a need for debates and more democratic decision-making processes. Expertise can no longer be limited to top-down application of scientific knowledge and indicators should reflect and contribute to this democratic move. How can and do indicators get involved into this democratic move? How is this enlarged participation of actors into the definition and shaping of indicators changing the modalities of their construction?

Moreover, following last year’s central theme on peripheries, STI 2017 will interrogate broadly the evolving geography of ST&I, the impacts of the concentration of ‘new dominant’ sciences in large metropolitan areas, the expanding and diverse forms of international collaborations, all of which impose both methodological developments and new global strategies.

These objectives include new methodological developments, new methods in data processing, sharing, analysis and use, including the management of large data in a large variety of forms. Indicators, today, require not only larger databases, but also the mastering of shared technologies and collaborative technologies. Of interest are the possibilities of enlarging indicators through the use of open data.

The Conference will thus propose to engage in stimulating exchanges around these new developments concerning actor-based indicators, in a large variety of sectors from scientific and technological production, to innovations in service sectors such as tourism, leisure and culture, health, ageing, or food catering, to non-technological and organizational innovations. It will open the debates on the democratic uses of STI indicators and the specific challenges participation of a wider range of actors pose to the construction of sound, meaningful and robust indicators.



SCIENCE, TECHNOLOGY & INNOVATION INDICATORS

Open indicators: innovation, participation and actor-based STI indicators
PARIS 2017

	WEDNESDAY 6			THURSDAY 7			FRIDAY 8		
09:00-11:00	REGISTRATION DESK			211	IS3	Issues in Scientometrics 3	311	AL1	Altmetrics 1
				212	CM1	Careers & Mobility 1	312	GPE	Special Track: Gender Equality in R&I
				213	ID1	Innovation Dynamics 1	313	RP1	Research Systems Performance 1
				215	RE1	Special Track: 1 Research Evaluation	314	HIS	STI History
							315	EUF	Special track: EU flagships 1
11:00-11:30	INTRODUCTION <i>Welcoming speech by ESIEE and UPEM Presidents</i>			Coffee break					
11:30-13:00	PRESENTATION OF RISIS <i>Philippe Laredo</i>			221	IS4	Issues in Scientometrics 4	321	AL2	Altmetrics 2
	KEYNOTE: Questioning the agenda of indicators of societal impact <i>Ismael Rafols</i>			222	CM2	Careers & Mobility 2	323	RP2	Research Systems Performance 2
				223	UNI	Higher Education in Europe	324	NM3	New Methodologies 3
				224	OA	Open Access	325	EUF	Special track: EU flagships 2
				225	RE2	Special Track 2: Research Evaluation			
13:00-14:00	Lunch								
	ENID GENERAL ASSEMBLY								
14:00-15:30	131	IS1	Issues in Scientometrics 1	KEYNOTE: "Les indicateurs sont morts. Vive les indicateurs": forty years of production and use of indicators. <i>Rémi Barré</i>			PANEL: Organisations, indicators & policy-making		
	132	GP1	Gender Perspective 1						
	133	SSH	SSH session						
	135	RS1	RISIS Special track 1: SMS platform						
15:30-16:00	Coffee break								
16:00-18:00	141	IS2	Issues in Scientometrics 2	241	GEO	Location-based Approaches			
	142	AFR	R&I in Africa	242	GP2	Gender Perspective 2			
	143	TRA	Transnational Research	243	ID2	Innovation Dynamics 2			
	144	NM1	New Methodologies 1	244	NM2	New Methodologies 2			
	145	RS2	RISIS Special track 2: CorText platform						
18:00-	Cocktail at Château de Champs			Conference dinner in Paris					



SESSIONS BY THEMATIC ORDER

The session numbers allows to identify the day and time period of a session.

Hundreds identify the day (100, 200, 300), tens identify a time period when each day is divided in four entities (10=first half of the morning, 20=second half of the morning, 30=first half of the afternoon and 40=second half of the afternoon). The unit represents the number of the room where this parallel session takes place.

For example: [AFR] *R&I in Africa* - Number 142 takes place the first day in the last part of the day and it's the second session (room 2); [AL1] *Altmetrics (1)* - Number 311 takes place the third day, first half of the morning, first session (room 1).

Session Nbr	Code	Session
142	AFR	R&I in Africa
311	AL1	Altmetrics 1
321	AL2	Altmetrics 2
212	CM1	Careers & Mobility 1
222	CM2	Careers & Mobility 2
315	EU1	Special track: EU flagships 1
325	EU2	Special track: EU flagships 2
241	GEO	Location-based Approaches
132	GP1	Gender Perspective 1
242	GP2	Gender Perspective 2
312	GPE	Special Track: Gender Equality in R&I
314	HIS	STI History
213	ID1	Innovation Dynamics 1
243	ID2	Innovation Dynamics 2
131	IS1	Issues in Scientometrics 1
141	IS2	Issues in Scientometrics 2
211	IS3	Issues in Scientometrics 3
221	IS4	Issues in Scientometrics 4
144	NM1	New Methodologies 1
244	NM2	New Methodologies 2
324	NM3	New Methodologies 3
224	OA	Open Access
215	RE1	Special Track: Research Evaluation 1
225	RE2	Special Track: Research Evaluation 2
313	RP1	Research Systems Performance 1
323	RP2	Research Systems Performance 2
135	RS1	RISIS Special track 1 – SMS platform
145	RS2	RISIS Special track 2 – CorText platform
133	SSH	SSH session
143	TRA	Transnational Research
223	UNI	Higher Education in Europe



SPECIAL TRACKS

Marc Barbier, Philippe Breucker, Ali Khalili, Philippe Larédo, Ulf Sandström, Peter van den Besselaar, ...	Presentation of RISIS project and its platforms (SMS and CorText)
Sarah de Rijcke, Gemma Derrick, Thomas Franssen, Jordi Molas-Gallart, Ismael Rafols, Jesper Schneider, Inge van der Weijden, Paul Wouters and Julia Heuritsch	Special track STI Paris 2017, Multiplying methods in research evaluation
Manfred Spiesberger, ...	Workshop on Indicators for measuring the impact of large scale interventions for R&I – the case of the EU Flagships
Susanne Buehrer, Evanthia Schmidt, Cheng Fan, Sybille Reidl, Florian Holzinger, Jörg Müller, Rachel Palmen, Dora Groo, Martina Schraudner, Katharina Hochfeld and Raimund Broechler	Developing an Evaluation Framework for Promoting Gender Equality in R&I (EFFORTI) – first insights from an on-going H2020 project

LIST OF PAPERS BY THEMES

[AFR] Research & Innovation in Africa

Wednesday 6 Sept. 16:00 – 18:00 – Session 141 - Room 1

Nagla Rizk, Erika Kramer-Mbula and Jeremy de Beer

An Alternative Approach to Measure Innovation in Africa: Better Metrics for Contextually Appropriate STI Policy (abstract: AFR1)

Hugo Confraria

The characteristics of highly cited researchers in Africa (abstract: AFR2)

Bassirou Diagne, Catherine Beaudry and Carl St-Pierre

Impact of mobility and collaboration on scientific output in Africa: first lessons from a pan-African survey (abstract: AFR3)

Faatiema Salie, Kylie de Jager, Chipso Chimhundu and Tania Douglas

Collaboration for medical device innovation in South Africa: focus areas and keyword networks (abstract: AFR4)



[AL1] Altmetrics (1)

Friday 8 Sept. 9:00 – 11:00 – Session 311 - Room 1

Nicolas Robinson-Garcia, Irene Ramos-Vielba, Rodrigo Costas, Pablo D'Este and Ismael Rafols
Do altmetric indicators capture societal engagement? A comparison between survey and social media data (abstract ALT1)

Kuku Aduku, Mike Thelwall and Kayvan Kousha
Can conference papers have information value through Wikipedia? An investigation of four engineering fields (abstract ALT2)

Rodrigo Costas, Jeroen van Honk, Clara Calero-Medina and Zohreh Zahedi
Exploring the descriptive power of altmetrics: case study of Africa, USA and EU28 countries (2012-2014) (abstract ALT3)

Clara Pardo
Scientific culture in Colombia. A proposal of an indicator system for science technology and innovation (abstract ALT4)

[AL2] Altmetrics (2)

Friday 8 Sept. 11:30 – 13:00 – Session 321 - Room 1

Nicolas Robinson-Garcia, Rakshit Trivedi, Rodrigo Costas, Kimberley Isett, Julia Melkers and Diana Hicks
Tweeting about journal articles: Engagement, marketing or just gibberish? (abstract ALT5)

Lutz Bornmann and Robin Haunschild
Do bibliometrics and altmetrics correlate with the quality of papers? A large-scale empirical study based on F1000Prime, altmetrics, and citation data (abstract ALT6)

Eleonora Dagienė, Rūta Petrauskaitė and Ulf Sandström
Lithuanian Research Journals: Are They Ready for Altmetrics Ranking? (abstract ALT7)

[CM1] Careers & Mobility (1)

Thursday 7 Sept. 9:00 – 11:00 – Session 212 – Room 2

Jakob Tesch
The Influence of Organizational Publication Output on Job-Placement and Individual Output of Doctorate Holders (abstract CM1)

Carter Bloch, Malene Christensen, Qi Wang and Allan Lyngs
On the importance of studying abroad among postdocs – an analysis of postdoc fellowships in Denmark (abstract CM2)

Carey Ming-Li Chen
Do researchers with international mobility experiences have better academic performance through bibliometric indicators? The case study of Taiwan (abstract CM3)



[CM2] Careers & Mobility (2)

Thursday 7 Sept. 11:30 – 13:00 – Session 222 – Room 2

Nicolas Robinson-Garcia, Cassidy R. Sugimoto, Dakota Murray, Alfredo Yegros-Yegros, Vincent Larivière and Rodrigo Costas

Unveiling the multiple faces of mobility: Towards a taxonomy of scientific mobility types based on bibliometric data (abstract CM4)

Lucio Morettini, Emanuela Reale and Antonio Zinilli

Moving or remaining: international mobility and careers of PhD holders in Social Sciences and Humanities (abstract CM5)

Eric Iversen, Pål Børing and Richard Woolley

Sizing-up changing researcher mobility patterns in Norway using a combined data approach (abstract CM6)

[GEO] Location-based Approaches

Thursday 7 Sept. 16:00 – 18:00 – Session 241 - Room 1

Douglas Robinson, Antoine Schoen, Laurens Patricia and Philippe Larédo

Developing global and local STI indicators for profiling the territorial embedding of marine biotechnology research centres (abstract GEO1)

Marion Maisonobe, Béatrice Milard, Laurent Jégou, Denis Eckert and Michel Grossetti

The spatial de-concentration of scientific production activities: what about citations? A world-scale analysis at city level (1999-2011) (abstract GEO2)

Wolf-Hendrik Uhlbach, Pierre-Alexandre Balland and Thomas Scherngell

Technological diversification of regions and public R&D funding: Evidence from the EU Framework Programmes (abstract GEO3)

Lionel Villard, François Perruchas, Thomas Scherngell, Michael Barber, Philippe Larédo and Jordi Molas-Gallart

Metropolisation, peripheries & funding of nano S&T production in Europe (abstract GEO4)

[GP1] Gender perspective (1)

Wednesday 6 Sept. 14:00 – 15:30 – Session 132 – Room 2

Anke Lipinsky and Andrea Loether

A critical review of gender equality monitoring in European research policy (abstract GP1)

Ulrike Busolt, Sandra Klatt and Wiebke Kronsbein

Gender gap in patent activities in Europe: Three Indicators INODE, FIPMIN and WIN describing the issue (abstract GP2)

Núria Bautista Puig and Elba Mauleón

European Research Council Grants: excellence and leadership over time from a gender perspective (abstract GP3)



[GP2] Gender perspective (2)

Thursday 7 Sept. 16:00 – 18:00 – Session 242 – Room 2

Lili Miao, Dakota Murray, Zaida Chinchilla-Rodríguez, Vincent Larivière and Cassidy Sugimoto
Glass Boundaries: Differences in Interdisciplinarity Between Men and Women (abstract GP4)

Dakota Murray, Cassidy Sugimoto and Vincent Larivière
A Balanced Portfolio? The relationship between gender and funding for U.S. Academic Professors (abstract GP5)

Catherine Beaudry and Heidi Prozesky
Factors that affect scientific production in Africa: a gender analysis (abstract GP6)

[HIS] STI History

Friday 8 Sept. 9:00 – 11:00 – Session 314 – Room 4

Arlette Jappe
Who defines professional standards and which indicators are used in bibliometric research evaluation (abstract HIS1)

Clemens Bluemel, Stephan Gauch and Florian Beng
Altmetrics and its intellectual predecessors: Patterns of argumentation and conceptual development (abstract HIS2)

Sabrina Petersohn and Thomas Heinze
Bibliometric Research Assessment as Professional Jurisdiction? Insights from the History of the Leiden Centre for Science and Technology Studies (CWTS), 1980–2016 (abstract HIS3)

Sandro Mendonça
Patent-publications combinations in the early history of STI evaluation: Insights from the indefatigable teachings of steam navigation (abstract HIS4)

[ID1] Innovation Dynamics (1)

Thursday 7 Sept. 9:00 – 11:00 – Session 213 – Room 3

Gaston Heimeriks, Antoine Schoen, Patricia Laurens, Lionel Villard and Floortje Alkemade
The evolving technological capabilities of firms (abstract ID1)

Daniel Vertesy, Maria Del Sorbo and Giacomo Damioli
In search of high-growth, innovative firms in Europe: evidence for cross-sectoral and cross-country differences (abstract ID2)

Massimo Colombo, Massimiliano Guerini and Roberto Camerini
Fast growing mid-sized firms in Europe: a first exploration (abstract ID3)

Laurens Patricia, Antoine Schoen, Alfredo Yegros and Philippe Laredo
Exploration of knowledge in European large firms in the Chemicals and Pharma/biotech sectors: level and mode of collaboration in the corporate scientific publications and patents (abstract ID4)



[ID2] Innovation Dynamics (2)

Thursday 7 Sept. 16:00 – 18:00 – Session 243 – Room 3

Charles Edquist, Jon Mikel Zabala-Iturriagoitia, Javier Barbero and Jose Luis Zofio

Assessing the performance of national innovation systems in Europe (abstract ID5)

Benjamin Layani, José Molero and José María Fernández-Crehuet

The Innovation Union's performance scoreboard for Research and Innovation: The digital basic capacities (abstract ID6)

Carita Eklund

Innovation Capability from Intangible Assets (abstract ID7)

Antoine Schoen, Patrica Laurens, Alfredo Yegros and Philippe Larédo

Comparative analysis of knowledge production in analogous large European firms: how much do individual strategies matter? (abstract ID8)

[IS1] Issues in Scientometrics (1)

Wednesday 6 Sept. 14:00 – 15:30 – Session 131 – Room 1

Carlos García-Zorita, Ronald Rousseau, Sergio Marugan-Lazaro and Elias Sanz-Casado

Rankings: competitiveness versus stability (abstract IS1)

Jens Peter Andersen, Fereshteh Didegah and Jesper Wiborg Schneider

The necessity of comparing like with like in evaluative scientometrics: A first attempt to produce and test a generic approach to identifying relevant benchmark units (abstract IS2)

Vincent Antonio Traag and Rodrigo Costas

Are citations driven by journal impact? (abstract IS3)

[IS2] Issues in Scientometrics (2)

Wednesday 6 Sept. 16:00 – 18:00 – Session 141 – Room 1

Tindaro Cicero and Marco Malgarini

The effect of research collaborations on citation impact: a dynamic panel data analysis (abstract IS4)

Belén Álvarez-Bornstein, Adrián A. Díaz-Faes and María Bordons

Relationship between research funding and scientific output in two different biomedical disciplines (abstract IS5)

Ludo Waltman and Vincent Antonio Traag

Use of the journal impact factor for assessing individual articles need not be wrong (abstract IS6)

Stephan Stahlschmidt

Abstract Readability as a Soft Parabolic Glass Ceiling for Citations (abstract IS7)



[IS3] Issues in Scientometrics (3)

Thursday 7 Sept. 9:00 – 11:00 – Session 211 – Room 1

Wolfgang Glänzel and Bart Thijs

Bridging another gap between research assessment and information retrieval – The delineation of document environments (abstract IS8)

Sonia Gruber, Patricia Helmich and Rainer Frietsch

Assignment of Unique Author IDs in Web of Science (abstract IS9)

Valeria Aman

Does the Scopus author ID suffice to track scientific international mobility? A case study based on Leibniz laureates (abstract IS10)

Andrea Reyes-Elizondo, Clara Calero-Medina and Martijn Visser

Affiliated hospitals: the challenge of academic medical centers (abstract IS11)

[IS4] Issues in Scientometrics (4)

Thursday 7 Sept. 11:30 – 13:00 – Session 221 – Room 1

Loet Leydesdorff, Caroline Wagner and Lutz Bornmann

“Interdisciplinarity” at Different Levels of Aggregation: Betweenness and Diversity in Journal Citation Networks (Draft of a Tribute to Eugene Garfield) (abstract IS12)

Peter Van Den Besselaar and Ulf Sandström

Influence of cognitive distance on grant decisions (abstract IS13)

Zsófia V. Vida

Authors’ cognitive distance on collaboration networks via Author Bibliographic Coupling Analysis (abstract IS14)

[NM1] New Methodologies (1)

Wednesday 6 Sept. 16:00 – 18:00 – Session 144 – Room 4

Diana Maynard and Benedetto Lepori

Ontologies as bridges between data sources and user queries: the KNOWMAK project experience (abstract NM1)

Montserrat Estañol, Francesco Masucci, Alessandro Mosca and Ismael Rafols

Mapping knowledge with ontologies: the case of obesity (abstract NM2)

Alfredo Yegros, Maria Francisca Abad, Robert Tijssen and Ismael Rafols

Exploring the misalignment between global burden of disease and publication patterns in health research (abstract NM3)

Gemma Derrick

Exploring in-group heuristics in peer review panels assessing societal Impact (abstract NM4)



[NM2] New Methodologies (2)

Thursday 7 Sept. 16:00 – 18:00 – Session 244 – Room 4

Patricia Helmich, Peter Neuhäusler and Rainer Frietsch

Cycles and evolution of topics in scientific journal publications and patent data – analyzing keywords and textual data (abstract NM5)

Aparna Basu, Deepika Malhotra, Taniya Seth and Pronab Muhuri

Global Distribution of Google Scholar citations: A size-independent Institution-based Analysis (abstract NM6)

Yves Fassin

A New Qualitative rating system for scientific articles and a new fame index (abstract NM7)

Johan Eklund and Gustaf Nelhans

Topic modelling approaches to aggregated citation data (abstract NM8)

[NM3] New Methodologies (3)

Friday 8 Sept. 11:30 – 13:00 – Session 324 – Room 4

Nicolas Carayol, Agenor Lahatte and Oscar Llopis

Novelty in Science (abstract NM9)

Cinzia Daraio

A doubly conditional performance evaluation model, the democratization of evaluation and Altmetrics (abstract NM10)

Zehra Taskin, Umut Al and Umut Sezen

First Stage of an Automated Content-Based Citation Analysis Study: Detection of Citation Sentences (abstract NM11)

[OA] Open Access

Thursday 7 Sept. 11:30 – 13:00 – Session 224 – Room 4

Theo Van Leeuwen, Ingeborg Meijer, Alfredo Yegros and Rodrigo Costas

Developing indicators on Open Access by combining evidence from diverse data sources (abstract OA1)

David Brooke Struck, Guillaume Roberge and David Campbell

The Influence of Open Access, Gender and Co-authorship on Citation Scores (abstract OA2)

Peter De Padua Krauss, Jorge H. C. Fernandes and Ricardo Barros Sampaio

Open Access Coherence Study in publications related to the Zika outbreak (abstract OA3)

[RP1] Research Systems Performance (1)

Friday 8 Sept. 9:00 – 11:00 – Session 313 – Room 3

Benedetto Lepori, Emanuela Reale and Andrea Orazio Spinello

Conceptualizing and Measuring Performance Orientation of Research Funding Systems (abstract RP1)



Robert Tijssen and Winnink Jos

Capturing R&D excellence: country-level performance indicators and international statistics
(abstract RP2)

Gunnar Sivertsen

Problems and considerations in the design of bibliometric indicators for national performance based research funding systems (abstract RP3)

Jesper W. Schneider, Kaare Aagaard, Martijn Visser and Thed van Leeuwen

Examining potential database effects in longitudinal country impact analyses using fixed journal sets
(abstract RP4)

[RP2] Research Systems Performance (2)

Friday 8 Sept. 11:30 – 13:00 – Session 323 – Room 3

Marco Alfò, Sergio Benedetto, Marco Malgarini and Scipione Sarlo

On the use of Bibliometric information for assessing articles quality: an analysis based on the third Italian research evaluation exercise (abstract RP5)

Janne Pölönen, Tim Engels, Raf Guns and Frederik Verleysen

Is my publication peer reviewed? A comparison of top-down and bottom-up identification of peer review in the framework of the Finnish and Flemish performance-based research funding systems
(abstract RP6)

Vincent Antonio Traag and Ludo Waltman

Replacing peer review by metrics in the UK REF? (abstract RP7)

[SSH] Social Sciences and Humanities (SSH)

Wednesday 6 Sept. 14:00 – 15:30 – Session 133 – Room 3

Sándor Soós, Zsófia Vida and George Kampis

Mapping the scientific impact of European funded SSH projects (abstract SSH1)

Linda Sile, Janne Pölönen, Gunnar Sivertsen, Raf Guns and Tim Engels

European databases and repositories for Social Sciences and Humanities research output: exploring comprehensiveness (abstract SSH2)

Alberto Martín-Martín, Enrique Orduna-Malea and Emilio Delgado López-Cózar

Journal Scholar Metrics: building an Arts, Humanities and Social Sciences journal ranking with Google Scholar data (abstract SSH3)

[TRA] Transnational Research

Wednesday 6 Sept. 16:00 – 18:00 – Session 143 – Room 3

Lili Wang, Xianwen Wang and Fredrik Piro

Scientific research and funding networks between China and the European Union (abstract TR1)

Zaida Chinchilla-Rodríguez, Lily Miao, Dakota Murray, Nicolas Robinson-García, Rodrigo Costas and Cassidy Sugimoto

A large-scale comparison of the position of countries in international collaboration and mobility according to their scientific capacities (abstract TR2)



Emanuela Reale and Antonio Zinilli

Public funding of transnational research: evidences from network analysis (abstract TR3)

Koen Jonkers, Peter Fako, Lorenzo Isella, Thomas Zacharewicz, Ulf Sandstrom and Peter Van den Besselaar

A comparative analysis of the publication behaviour of MSCA fellows (abstract TR4)

[UNI] Higher Education in Europe

Thursday 7 Sept. 11:00 – 13:00 – Session 223 – Room 3

Barbara Antonioli Mantegazzini and Benedetto Lepori

Funding of European Higher Education Institutions: a cross-country and longitudinal perspective (abstract UNI1)

Daniele Checchi, Irene Mazzotta and Sandro Momigliano

Research assessment in Italy: have the results of universities converged? (abstract UNI1)

Barbara Heller-Schuh, Martina Dünser and Benedetto Lepori

Concentration processes and its effects on research performance: Evidence from European public sector research organisations (abstract UNI1)

LIST OF POSTERS

Joan Balta and Simone Belli

Analysing EU-LAC bi-regional scientific collaboration through co-publications (Poster 01)

Ricardo Barros Sampaio, Ara Anderson, Ed Noyons and Wagner De Jesus Martins

Biomedical Research Laboratories Classification based on Scientific Publications: A case study of Instituto Oswaldo Cruz (Poster 02)

Jaco Blanckenberg and Charl Swart

Investigating whether the year of first publication can be used to determine the age or PhD age for African scholars (Poster 03)

Ulrike Busolt, Sandra Klatt and Wiebke Kronsbein

Project GEDII - Gender Diversity Impact – State of research (Poster 04)

Cláudia Daniele de Souza, Daniela De Filippo and Elias Sanz Casado

The role of collaboration in the Brazilian scientific production (Poster 05)

Ekaterina Dyachenko, Alena Nefedova and Ekaterina Streltsova

Foreign researchers in Russia: the perspective of hiring institutions (Poster 06)

Antonio Eleazar Serrano-López and Daniela De Filippo

Do scientifically relevant subjects arouse general interest? Bibliometric and altmetric analysis of green and sustainable science and technology output (Poster 07)

Daphne Getz, Eran Leck, Vered Gilad, Bahina Eidelman and Oshrat Katz Shacham

Obstacles in Nanotechnology Transfer from the Academy to the Industry in Israel (Poster 08)



Juan Gorraiz, Steve Reding, Johannes Sorz and Christian Gumpenberger

On the reception of the new metrics in the Social Sciences and Humanities: a case study for the University of Vienna (Poster 09)

Yasushi Hara

SPIAS - SciREX Policymaking Intelligent Assistant System (Poster 10)

Richard Heidler, William Dinkel and Anke Reinhardt

Broadening the reviewer pool of the German Research Foundation: Drivers, effects and perspectives (Poster 11)

Julia Heuritsch and Sarah De Rijcke

Insights into the effects of indicators on knowledge production in astronomy (Poster 12)

Zhigang Hu, Gege Lin, Taian Sun and Xianwen Wang

An EU without the UK: research collaborations between the UK and the EU27 (Poster 13)

Ying Huang, Lin Zhang and Alan Porter

The effects of various similarity measurement approaches on interdisciplinary indicators (Poster 14)

Najko Jahn, Wolfram Horstmann and Birgit Schmidt

Do jointly appointed researchers attribute their university affiliation? A case study from the University of Göttingen (Poster 15)

Benedetto Lepori and Philippe Larédo

Mapping Knowledge Dynamics in the European Research Area. The KNOWMAK project (Poster 16)

Marion Maisonobe and Bastien Bernela

Detecting the borders of an inter-organisational network: the case of INCREASE, a research network in green chemistry (Poster 17)

Alberto Martín-Martín, Enrique Orduna-Malea and Emilio Delgado López-Cózar

Scholar Mirrors: Integrating evidence of impact from multiple sources into one platform to expedite researcher evaluation (Poster 18)

Gabriela Michelini and Angela Corengia

Work in progress: The diffusion of science policies and the interaction of actors in the adoption of Argentina's national innovation system (Poster 19)

Marianne Noel and Frédérique Bordignon

The pitfalls of signature: Questioning affiliation in French research and higher education institutions (Poster 20)

Asako Okamura

Measurement of cultural and social relevance of science: construction of indicators for the relationship between STI and society (Poster 21)

Asako Okamura, Shinano Hayashi, Hitoshi Koshiba, Hiroki Tanaka and Yui Nishimura

Identifying core questions for STI studies: An exploratory international comparison of syllabi (Poster 22)

Jinseo Park, Soohong Eum, Jimin Byeon and Kyoutae Kim

The Comparison of Election Promises in Science and Technology using Co-word Mapping (Poster 23)

Espen Solberg and Marco Capasso

Measuring the green transition: A quantitative study of the shifting balance between R&D for fossil vs. renewable energy in Norway (Poster 24)



Lili Wang and Shan Jiang

Mapping the development trajectory of 3D printing technologies (Poster 25)

Sanaa Zebakh, Rigas Arvanitis and Hicham Boutracheh

Trends in the Moroccan agricultural research: an exploratory bibliometric analysis (2005-2015) (Poster 26)

Zhao Qu

Technological innovation in electro-mobility: A focus on applicants and inventors (Poster 27)

Zhu Yingchun and Chen Yu

Research on Evaluation of National Innovation Capacity (Poster 28)



COMMITTEES

Program Committee

- Philippe Laredo (LISIS, France) - Chair of the STI Conference
- Rigas Arvanitis (IFRIS/ CEPED-IRD, France)
- Aurélie Delemarle (LISIS / ENPC, France)
- Gaston Heimeriks (Utrecht University, Netherlands)
- Sybille Hinze (DZHW, Germany)
- Patricia Laurens (LISIS/ESIEE, France)
- Benedetto Lepori (Università della Svizzera italiana)
- Jordi Molas-Gallart (INGENIO, CSIC-UPV, Spain)
- Wolfgang Glänzel (ECOOM – KU Leuven, Belgium)
- Johan Mouton (CREST, South Africa)
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- Ismael Rafols (INGENIO, CSIC-UPV, Spain)
- Emanuela Reale (IRCRES-CNR, Italy)
- Douglas Robinson (LISIS/ESIEE, France)
- Julie Rust (IFRIS, France)
- Ulf Sandström (Royal Institute of Technology, Sweden)
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- Daniel Villavicencio (Univ. Aut. Metropolitana-Xochimilco, Mexico)
- Lili Wang (UNU-MERIT)
- Paul Wouters (CWTS, Leiden University, The Netherlands)

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The Organizing committee assumes local arrangements at ESIEE and the University of Paris-Est Marne-la-Vallée (UPEM).

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