

Wednesday 12 September				
	Aalmarktzaal	Waalse Kerk Foyer	Jan Willem Schaap Foyer	Cornelis Schuytzaal
8:00-9:00	Registration			
9:00-10:30	<b>Opening of the conference</b> Chair: Sarah de Rijcke <b>Keynote Paul Wouters: Mind the gap! But how? - On the relationship between quantitative and qualitative in the social sciences and humanities</b>			
10:30-10:50	Coffee/tea break			
10:50-12:05	Special Track 9 - Evaluation of Open Scholarship	Special Track 2 - Challenges in establishing macro-level effects of macro-level interventions	#11 Topic delineation/interdisciplinarity Chair: Sybille Hinze	#21 Institutional studies Chair: Bluma Peritz
12:10-13:25	Special Track 9 - Evaluation of Open Scholarship	#24 Influence and impact analysis Chair: Grit Laudel	#23 Advanced analytical approaches Chair: Gita Ghiasi	#13 Patents Chair: Emanuela Reale
13:25-14:40	Lunch & Poster Session			
14:40-15:55	Special Track 9 - Dreams (and nightmares) of universal indicators and open science	Special Track 8 - Determining and steering research quality in practice: the institutional research perspective	Special Track 5 - Assessment of Responsible Research and Innovation (RRI) – beyond indicator development	#19 Science & technology studies Chair: Lin Zhang
15:55-16:15	Coffee/tea break			
16:15-17:30	#18 Advanced methods in scientometrics Chair: Dorte Henriksen	Special Track 1 - A closer look into corporate science and publishing	Special Track 4 - Research assessments as participatory explorations on content, missions, methods and indicators	#4 Innovation indicators Chair: Cinzia Daraio
17:40-18:10	Award session: Eugene Garfield Award sponsored by Clarivate Analytics			
18:30-20:30	Reception at National Museum of Antiquities sponsored by CWTS BV			

Thursday 13 September				
	Aalmarktzaal	Waalse Kerk Foyer	Jan Willem Schaap Foyer	Cornelis Schuytzaal
8:30-9:00	Registration			
9:00-10:00	Chair: Paul Wouters <b>Keynote Paula Stephan: The Meaning and Incidence of Risk in Research</b>			
10:00-10:20	Coffee/tea break			
10:20-11:35	KNOWMAK. Mapping knowledge production in the ERA.	Special Track 11 - Challenges of Social Media Data for Bibliometrics	Special Track 3 - Reproducibility in Scientometrics	Special Track 7 - Scientific and Technological Novelty: Impact and Determinants
11:40-12:55	#16 Databases & sources Chair: Pei-Shan Chi	Special Track 11 - Challenges of Social Media Data for Bibliometrics	Special Track 3 - Reproducibility of Scientometrics, Plans for Action	Special Track 7 - Scientific and Technological Novelty: Impact and Determinants
12:55-14:20	Lunch & Poster Session			
14:20-15:35	#17 Frameworks & systems Chair: Carolina Cañibano	#26 New methods in altmetrics Chair: Zohreh Zahedi	Special Track 6 - Studies in the sociology and history of the sciences, social sciences, arts and humanities	ENID General Assembly (Podium Big Hall) Special Track 10 - Public-private interactions in business innovation
15:35-15:55	Coffee/tea break			
15:55-17:10	#9 Collaboration and co-authorship Chair: Caroline Wagner	#6 Altmetrics and social media studies Chair: Judit Bar-Ilan	#14 Research funding Chair: Valeria Aman	Special Track 10 - Public-private interactions in business innovation
17:15-17:35	Presentation of Springer STI Handbook (Wolfgang Glänzel)			
17:35-17:50	Presentation of RISIS2 (Philippe Larédo)			
19:00-22:00	Dinner at Scheltema			

Friday 14 September				
	Aalmarktzaal	Waalse Kerk Foyer	Jan Willem Schaap Foyer	Cornelis Schuytzaal
8:30-9:00	Registration			
9:00-10:00	Chair: Ludo Waltman <b>Keynote Cameron Neylon: Open Science Needs Open Indicators</b>			
10:00-10:20	Coffee/tea break			
10:20-11:35	#12 Citation and reference analyses Chair: Anne-Wil Harzing	Special Track 12 - Rethinking the Research Agenda on the Internationalization of the Scientific Workforce	#15 Mapping Chair: Marcia Ferreira	#20 Local, regional & national studies: general approaches Chair: Ekaterina Dyachenko
11:40-12:55	#2 Field-normalization approaches Chair: María Bordons	Special Track 12 - Rethinking the Research Agenda on the Internationalization of the Scientific Workforce	#8 Authors and individuals Chair: Cathelijn Waaijer	#1 Local, regional & national studies: Russia Chair: Katerina Guba
12:55-14:20	Lunch & Poster session			
14:20-15:35	#22 Citations in context Chair: Nadine Rons	#27 Individual-level analyses Chair: Isabela Peters	#7 Journal indicators Chair: Heidi Prozesky	Jol Editorial board meeting (Podium Big Hall) #3 Local, regional & national studies: Brazil Chair: Bruna Fonseca
15:35-15:55	Coffee/tea break			
15:55-17:10	#25 Effects and biases of grants and indicators Chair: Sarah de Rijcke	#5 Books and social sciences Chair: Alesia Zuccala	#28 New indicators and approaches Chair: Tjitske Holtrop	#10 Local, regional & national studies: China Chair: Ping Zhou
17:15-17:35	ENID - next STI conference			
17:40-18:10	Award session: The Digital Science Poster Prize			
	Closing of the conference			

Wednesday 12 September					
Schedule	Room	Track / cluster	Paper	Authors	Title
10:50-12:05	Aalmarktzaal	Track 9	110	Xianwen Wang, Yunxue Cui, Shenmeng Xu and Zhigang Hu	The state and evolution of Gold Open Access: A country level analysis
			200	Alberto Martín-Martín, Rodrigo Costas, Thed N. van Leeuwen and Emilio Delgado López-Cózar	Unbundling Open Access dimensions: a conceptual discussion to reduce terminology inconsistencies
			256	Thed van Leeuwen, Lieuwe Kool and Ingrid Wijk	National OA mandate and its potential conflicting relationship with international scientific cooperation policies: the Dutch case
			138	Joshua Eykens, Raf Guns, A. I. M. Jakaria Rahman, Linda Sile and Tim C.E. Engels	Predatory Open Access journals: A review of past screenings within the Flemish performance based research funding system (2014 – 2018)
10:50-12:05	Jan Willem Schaap Foyer	Cluster #11	27	Richard Klavans and Kevin W. Boyack	What is the organizing principle for large topics?
			31	Qi Wang and Per Ahlgren	Measuring the interdisciplinarity of research topics
			224	Nicolas Carayol and François Maublanc	Team Production, Scientific Competition and Interdisciplinary Research
10:50-12:05	Cornelis Schuytzaal	Cluster #21	166	Vincent Antonio Traag, Marco Malgarini, Tindaro Cicero, Scipione Sarlo and Ludo Waltman	Peer review uncertainty at the institutional level
			186	Andrey Subochev and Vladimir Pislyakov	With or without h-index? Comparing aggregates of rankings based on seven popular bibliometric indicators
			191	Sabrina L. Woltmann, Sebastiano A. Piccolo and Melanie Kreye	Understanding The Diversity Of University Research Knowledge Structures And Their Development Over Time
			212	Katerina Guba	University Performance Indicators in Use: Administrative Data on State Control of Russian Universities
10:50-12:05	Waalse Kerk Foyer	Track 2	104	Stephan Stahlschmidt and Sybille Hinze	A statistical approach to infer causal effects of the Chinese publication growth on bibliometric impact measures
			153	Grit Laudel, Jana Bielick and Jochen Gläser	How can we explain the emergence and stability of academic career patterns?
			165	Carolina Cañibano and Carmen Corona	Assessing micro-level effects of macro-level interventions: a comparison between perceived evaluation pressure and scientific productivity in History
			223	Jochen Gläser	Accounting for field-specific research practices in surveys

Schedule	Room	Track / cluster	Paper	Authors	Title
12:10-13:25	Aalmarktzaal	Track 9	61	Zhiqi Wang, Wolfgang Glänzel and Yue Chen	How self-archiving influences the citation impact of a paper: A bibliometric analysis of arXiv papers and non-arXiv papers in the field of information and library science
			82	David Brooke Struck, Matthew Durning, Guillaume Roberge and David Campbell	Modelling the Effects of Open Access, Gender and Collaboration on Citation Outcomes: Replicating, Expanding and Drilling
			37	Isidro F. Aguillo	Altmetrics of the Open Access Institutional Repositories: A Webometrics Approach
			193	Paul Wouters, Zohreh Zahedi and Rodrigo Costas	Social media metrics for new research evaluation
12:10-13:25	Waalse Kerk Foyer	Cluster #24	13	Andreas Thor, Lutz Bornmann, Werner Marx and Rüdiger Mutz	New analysis features of the CRExplorer for identifying influential publications
			201	Gemma Derrick, Rita Faria, Paul Benneworth, David Budtz-Petersen and Gunnar Sivertsen	Towards characterising negative impact: Introducing Grimpact
12:10-13:25	Jan Willem Schaap Foyer	Cluster #23	67	Tingcan Ma, Ruinan Li, Ou Guiyan and Mingliang Yue	A research team identification method based on relationship analysis
			141	K.A. Khor, Giovanni Ko and Walter Theseira	Applying Machine Learning to Compare Research Grant Programs
			263	Charlie Mom, Ulf Sandström and Peter Van Den Besselaar	Does cronyism affect grant application success? The role of organizational proximity
			266	Maria Karaulova, Maria Nedeva and Duncan Thomas	Mapping Research Fields Using Co-Nomination Analysis: the case of Heavy Flavour Physics
12:10-13:25	Cornelis Schuytzaal	Cluster #13	74	Yasuhiro Yamashita and Mari Jibu	Comparative analysis of patent-paper citations of five countries based on new indicators
			179	Zhang Lin, Huang Ying and Chen Lixin	Patent Citation Inflation: The Phenomena, Measurement Methods, and Proposed Solutions Based on Relative Citation Indicators
			183	Chung-Huei Kuanm, Cheng-Wei Chiu, John S. Liu, Mu-Hsuan Huang and Dar-Zen Chen	Patent Main Path Analysis with Arc Weights Adjusted by Classification Similarity
			185	Na Zhang, Julie Callaert and Bart van Looy	The catching-up of Asian and European countries in ICT: from a new patent data perspective
14:40-15:55	Aalmarktzaal	Track 9	301	Paul Wouters	Developing indicator frameworks for open science: options and dilemmas
			300	Ismael Rafols	Open science and the global South
			299	Cameron Neylon, Rebecca Lawrence, JC Heyneke and Jochen Gläser	Round table

Schedule	Room	Track / cluster	Paper	Authors	Title
14:40-15:55	Jan Willem Schaap Foyer	Track 5	46	Gabrielle Samuel, Gemma Derrick and Thed van Leeuwen	Ethical challenges around the use of social media data: Views of researchers and research ethics committee members
			167	Swati Kumari	Nanomaterials in Sewage Treatment for Cleaning River Yamuna from the Lenses of the Responsible Innovation
14:40-15:55	Cornelis Schuytzaal	Cluster #19	10	Vitaliy Roud	Technological upgrading of sectors through the prism of shifting firm-level innovation strategies
			239	Mariza Almeida, Ary Plonski, Justin Axel-Berg, Adelaide Baeta, Branca Terra and Bruno Simões	Entrepreneurial Vision and Brazil's system of Higher Education Assessment
			242	Justin Hugo Axel-Berg, Sara Aragão, Daniel Pimentel Neves, Guilherme Manços Rosso and Guilherme Ary Plonski	Breaking out of the TTO; turning measurements into indicators
14:40-15:55	Waalse Kerk Foyer	Track 8	41	Lai Ma	Responses to the Output-Based Research Support Scheme in University College Dublin
			171	Cathelijn Waaijer	Why the public nature of university rankings torpedoes their value for benchmarking: an institutional researcher's opinion
			230	Justin Hugo Axel-Berg and Jacques Marcovitch	Deployment of strategic performance indicators in Latin American public universities
			264	Wil Hout and Nynke Jo Smit	Working on societal relevance: Experiences from a research evaluation at the International Institute of Social Studies
16:15-17:30	Cornelis Schuytzaal	Cluster #4	81	Lukas Pukelis and Vilius Stanciauskas	Big Data approaches to estimating the impact of EU research funding on innovation development
			143	Laurens Patricia, Antoine Schoen, Pierluigi Toma and Cinzia Daraio	Exploring the Innovative Efficiency of Big Multinational Firms through Conditional Efficiency Analysis
			240	Daniel Vertesy and Giacomo Damioli	Innovation in Innovation Indicators? The use of sensitivity analysis to analyse the coherence of composite indices and dominant policy discourses
16:15-17:30	Jan Willem Schaap Foyer	Track 4	121	Carey Ming-Li Chen and Wen-Yau Cathy Lin	What indicators matter? The Analysis of Perception toward Research Assessment Indicators and Leiden Manifesto- The Case Study of Taiwan
			302	Sarah de Rijcke	Evaluative Inquiry: conceptualizing evaluation as knowledge production
			303	Noortje Marres	Mapping the issues of autonomous cars: experiments between STS, scientometrics and digital methods?

Schedule	Room	Track / cluster	Paper	Authors	Title
16:15-17:30	Aalmarktzaal	Cluster #18	62	Qianying Guo, Jian Du and Xiaoli Tang	A Bibliometric Framework for Identifying "Academic Chain"——A Case Study of 2014 Nobel Prize for Chemistry
			136	Ronald Rousseau	A new method for diversity measurement: Taking similarity between cells seriously
			176	Carlos Garcia-Zorita, Ronald Rousseau, Sergio Marugan-Lazaro and Elias Sanz-Casado	A refined approach to the dynamics of rankings: taking ranking differences into account
			243	Philippe Mongeon, Shenmeng Xu, Timothy D. Bowman and Rodrigo Costas	Tweeting Library and Information Science: a socio-topical distance analysis
16:15-17:30	Waalse Kerk Foyer	Track 1	127	Gaston Heimeriks, Antoine Schoen, Lionel Villard, Patricia Laurens and Floortje Alkemade	Evolving Technological Capabilities of Firms: Patterns of Complexity, Divergence, and Stagnation in Corporate Invention
			135	Zhao Qu and Shanshan Zhang	From science to technology : The value of knowledge from the business sector
			163	Alfredo Yegros and Thed van Leeuwen	Production and uptake of Open Access publications involving the private sector: the case of big pharma
			222	Roberto Camerani, Daniele Rotolo and Nicola Grassano	Do Firms Publish? A Cross-Sectoral Analysis of Corporate Publishing
<b>Thursday 13 September</b>					
10:20-11:35	Cornelis Schuytzaal	Track 7	45	Jacques Mairesse and Michele Pezzoni	Novelty in Science: The impact of French physicists' novel articles
			189	Magda Fontana, Martina Iori, Fabio Montobbio and Roberta Sinatra	A bridge over troubled water. A reassessment of interdisciplinarity, novelty and impact (in Physics)
			97	Nicolas Carayol, Agenor Lahatte and Oscar Llopis	The Right Job and the Job Right: Novelty, Impact and Journal Stratification in Science
			211	Maximilian Förster, Birgit Stelzer and Edgar Schiebel	Stochastic analysis of citation time series of emergent research topics
10:20-11:35	Waalse Kerk Foyer	Track 11	12	Lutz Bornmann, Robin Haunschild and Jonathan Adams	Convergent validity of altmetrics and case studies for assessing societal impact: an analysis based on UK Research Excellence Framework (REF) data
			86	Stacy Konkiel and Euan Adie	Factors contributing to altmetrics' complexity: a problem statement
			129	Saeed-UI Hassan, Mubashir Imran and Alesia Zuccala	Alt-Index: A proposed Index for measuring the Social Activity of Scientific Research
			112	Tahereh Dehdarirad, Fereshteh Didegah and Hajar Sotudeh	Which Type of Research is Cited More Often in Wikipedia? A Case Study of PubMed Research

Schedule	Room	Track / cluster	Paper	Authors	Title
10:20-11:35	Jan Willem Schaap Foyer	Track 3	113	Theresa Velden, Sybille Hinze, Andrea Scharnhorst, Jesper Wiborg Schneider and Ludo Waltman	Exploration of reproducibility issues in scientometric research
			161	Manuel Jesus Cobo Martin, Tahereh Dehdarirad, Pablo García-Sánchez and Jose A. Moral-Munoz	Quantifying the reproducibility of scientometric analyses: a case study
			182	Jesper Schneider	Data-dependent analytical choices relying on NHST should not be trusted!
			73	David Kochalko, Courtney Morris and Jason Rollins	Applying Blockchain Solutions to Address Research Reproducibility and Enable Scientometric Analysis
			120	Christian Herzog, Daniel Hook and Euan Adie	Reproducibility or Producibility? Metrics and their masters
11:40-12:55	Cornelis Schuytzaal	Track 7	44	Michele Pezzoni, Reinhilde Veugelers and Fabiana Visentin	Is this novel technology going to hit? Antecedents predicting technological novelty diffusion
			69	Reinhilde Veugelers and Jian Wang	Novel science for novel technology?
			88	Marco Guerzoni, Massimiliano Nuccio, Luigi di Caro and Giovanni Siragusa	A Bimodal Network Approach to Model Topic Dynamics
			203	Ching-Chun Chang and Tai-Ying Liu	Identifying the Barriers in Government Infrastructure through Assessing Quantitative Impact of Taiwan's PIE
11:40-12:55	Jan Willem Schaap Foyer	Track 3	304	Ludo Waltman	Editorial guidelines
			305	Theresa Velden and Jonathan Adams	Benchmark data
			306	Andrea Scharnhorst and Jesper Schneider	Research and education on reproducibility
			307	Sybille Hinze and Christian Herzog	Reproducible metrics
11:40-12:55	Waalse Kerk Foyer	Track 11	197	Bram Kon, Jarno Hoekman and Gaston Heimeriks	Do alternative metrics correlate with societal orientation of scientific work?: a mixed quantitative-qualitative study
			238	Asura Enkhbayar and Juan Pablo Alperin	Challenges of capturing engagement on Facebook for Altmetrics
			257	Zohreh Zahedi and Rodrigo Costas	Challenges in the quality of social media data across altmetric data aggregators
			260	Jonathan Dudek, Timothy D. Bowman and Rodrigo Costas	When do tweeters tweet about Science? Exploratory analysis of the Twitter dissemination of scientific publications by weekdays and months [Poster pitch]
			84	Daniela De Filippo and Antonio Eleazar Serrano-López	Academic impact and social media impact in Green and Sustainable Science and Technology publications [Poster pitch]

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11:40-12:55	Aalmarktzaal	Cluster #16	23	Zhigang Hu, Wencan Tian, Shenmeng Xu, Xianwen Wang, Jiang Li and Chunbo Zhang	Why ESI is unreliable in selecting highly cited papers?
			100	Cinzia Daraio, Martina Gregori, Giuseppe Catalano and Henk F. Moed	Tackling the heterogeneity of HEIs by combining different data sources and applying advanced conditional benchmarking techniques
			125	Dag W Aksnes and Gunnar Sivertsen	A criteria-based assessment of the coverage of Scopus and Web of Science
			4	Tatiana Lisitskaya, Pavel Taranov, Ekaterina Ugnich and Vladimir Pisyakov	Pillar Universities in Russia: The Rise of "the Second Wave"
14:20-15:35	Aalmarktzaal	Cluster #17	63	Anne-Wil Harzing	Running the REF on a rainy Sunday afternoon: Can we exchange peer review for metrics?
			96	Ludo Waltman	Responsible metrics: One size doesn't fit all
			204	Michael Ochsner, Emanuel Kulczycki and Aldis Gedutis	The Diversity of European Research Evaluation Systems
14:20-15:35	Jan Willem Schaap Foyer	Track 6	90	Heidi Prozesky	Superwomen and the streetlight effect in research on family-related career challenges among scientists in Africa
			117	Giovanni Colavizza and Massimo Franceschet	A multilayer exploration of the cognitive structure of publications in history
			118	Giovanni Colavizza, Thomas Franssen and Thed van Leeuwen	An empirical investigation of the Tribes and their Territories: are research specialisms rural and urban?
			268	Pieter Kroonenberg	Bibliographic analyses of handbooks: A proposal. Handbooks as a source of data for mapping scientific disciplines
14:20-15:35	Waalse Kerk Foyer	Cluster #26	146	Zhichao Fang and Rodrigo Costas	Studying the Velocity Index for various Altmetric.com data sources
			151	Yunxue Cui, Xianwen Wang, Shenmeng Xu, Zhigang Hu and Chunbo Zhang	Evaluating the influence of social media exposure of scholarly articles: Perspectives of social media engagement and click metrics
			198	Belén Álvarez-Bornstein and Rodrigo Costas	Exploring the relationship between research funding and social media: disciplinary analysis of the distribution of funding acknowledgements and Twitter mention in scientific publications
			220	Mubashir Imran, Aqsa Akhtar, Anwar Said, Iqra Safder, Saeed-UI Hassan and Naif Radi Aljohani	Exploiting Social Networks of Twitter in Altmetrics Big Data

Schedule	Room	Track / cluster	Paper	Authors	Title
14:20-15:35	Cornelis Schuytzaal	Track 10	70	Clemens Blümel and Florian Beng	Open Science – a loosely coupled discourse? Comparing Open Science and Open Innovation from a bibliometric point of view
			109	Lili Wang and Zexia Li	Effects of knowledge flows from public science to industrial technologies
			115	Stefano Bianchini, Patrick Llerena and Sofia Patsali	Demand-pull innovation in science: Empirical evidence from a research university's suppliers
15:55-17:10	Aalmarktzaal	Cluster #9	164	Marco De Santis Puzzonio, Fabio Beltram, Tindaro Cicero and Marco Malgarini	Accounting for co-authorship in research evaluation: the case of experimental physics in Italy
			218	Adam Ploszaj, Dorota Celinska-Janowicz and Agnieszka Olechnicka	Core-periphery relations in international research collaboration
			225	Caroline Wagner, Travis Whetsell, Koen Jonkers and Jeroen Baas	Measure of National Return in International Science Cooperation
			235	Wan-Chen Chen, Jia-Chi Chang and Shih-Chieh Fang	University- Industry Collaboration: A Value-Based-View
15:55-17:10	Jan Willem Schaap Foyer	Cluster #14	43	Janne Pölönen, Otto Auranen, Tim Engels and Emanuel Kulczycki	Taking national language publications into account: the case of the Finnish performance-based research funding system
			51	Emanuela Reale, Benedetto Lepori, Andrea Orazio Spinello and Antonio Zinilli	Topics of social relevance in research project funding instruments: evidences from European countries
			195	Belén Álvarez-Bornstein, María Bordons, Rodrigo Costas and Clara Calero-Medina	Studying the research funding structure of countries through the analysis of funding acknowledgments
			207	Sergio Salles-Filho, Adriana Bin and Ana Maria Carneiro	Does a new research-funding model ask for a new evaluation framework? The case of Serrapilheira in Brazil
15:55-17:10	Waalse Kerk Foyer	Cluster #6	39	Pei-Shan Chi, Juan Gorraiz and Wolfgang Glänzel	Comparisons of altmetric, usage and citation indicators in chemistry disciplines
			48	Stephan Gauch and Clemens Blümel	Quantitative User Valuation Studies as means of scrutinization – The case of Altmetrics
			154	Nicolas Robinson-Garcia, Wenceslao Arroyo-Machado, Henk F. Moed and Daniel Torres-Salinas	Do altmetrics promote Open Access? An exploratory analysis on altmetric differences between types of access in the field of Physics
			199	Olga Zagovora, Katrin Weller, Milan Janosov, Claudia Wagner and Isabella Peters	What increases (social) media attention: Research impact, author prominence or title attractiveness?



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15:55-17:10	Cornelis Schuytzaal	Track 10	155	Rikke Nørding Christensen	Additionality of public R&D funding in business R&D within the life science industry
			162	Claudia Ghisetti, Giacomo Damioli, Daniel Vertesy and Andrea Vezzulli	Openness and innovativeness across the value chain. Evidence on EU countries and industries
			236	Vanessa Sandoval Romero, Philippe Mongeon and Vincent Larivière	Science, technology and innovation policies in Latin-America: fifteen years of scientific output, impact and international collaboration
<b>Friday 14 September</b>					
10:20-11:35	Aalmarktzaal	Cluster #12	94	Giovanni Abramo, Ciriaco Andrea D'Angelo and Lin Zhang	Measuring diversity of research output: do the authors' field classification and the reference list approaches converge?
			213	Enrique Orduna-Malea, Alberto Martín-Martín and Emilio Delgado López-Cózar	Classic papers: using Google Scholar to detect the highly-cited documents
			245	Gita Ghiasi, Philippe Mongeon, Cassidy Sugimoto and Vincent Larivière	Gender homophily in citations
			248	Senay Yasar Saglam and David Friggens	Cut Your Bootstraps: Use a Jackknife
10:20-11:35	Jan Willem Schaap Foyer	Cluster #15	26	Kevin W. Boyack and Richard Klavans	Accurately identifying topics using text: Mapping PubMed
			50	Flemming Skov, Tobias Wang and Jens Peter Andersen	Science maps and strategic thinking
			72	Takahiro Kawamura, Katsutaro Watanabe, Shusaku Egami, Naoya Matsumoto and Mari Jibu	Content-based Map of Science using Cross-lingual Document Embedding - A Comparison of US-Japan Funded Projects
			226	Asako Okamura, Shinano Hayashi, Hitoshi Koshiba and Yui Nishimura	Mapping educational contents of the science of science, technology, and innovation policy: an international comparison
10:20-11:35	Cornelis Schuytzaal	Cluster #20	131	Stefano Utili, David Campbell and Bastien St-Louis Lalonde	Comparative analysis of the citation impact of UK publications funded by UK national research Councils versus the EU
			202	Camila Guindalini, Fernanda Lopes Fonseca, Marcus Vinicius Pereira Da Silva, Alice Machado Da Silva and Bruna de Paula Fonseca	Scientific and technological contributions in epidemic outbreaks: the case of zika virus in Latin America and Caribbean countries
			210	Nico Pintar and Thomas Scherngell	Grasping the complexity of regional knowledge production: Evidence on European regions
			221	Wilfriedo Mesheba and Frédérique Sachwald	Measures of the performance of France in Mathematics

Schedule	Room	Track / cluster	Paper	Authors	Title
10:20-11:35	Waalse Kerk Foyer	Track 12	57	Marco Seeber, Noëmi Debacker, Michele Meoli and Karen Vandavelde	Closing and widening gaps in the competing risks of academic career
			87	Shulamit Kahn and Megan MacGarvie	Immigration Policy and Stay Rates of STEM PhDs
			102	Valeria Aman	Transfer of formal knowledge through international scientific mobility – introduction of a network-based bibliometric method
			148	Eric W. Welch, Eric Joseph van Holm, Heyjie Jung, Julia Melkers, Nicolas Robinson-Garcia, Ketevan Mamiseishvili and Diogo Pinheiro	The Global Scientific Workforce (GTEC) Framework1
11:40-12:55	Aalmarktzaal	Cluster #2	6	Robin Haunschild, Werner Marx, Bernie French and Lutz Bornmann	Relationship between field-normalized indicators calculated with different approaches of field-categorization
			8	Thomas Scheidsteger, Robin Haunschild, Sven Hug and Lutz Bornmann	The concordance of field-normalized scores based on Web of Science and Microsoft Academic data: A case study in computer sciences
			18	Jaco Blanckenberg and Charl Swart	Citation time windows based on citation frequency profiles of basic recognized work
			116	Maxime Sainte-Marie, Philippe Mongeon and Vincent Larivière	Do you cite what I mean? Assessing the semantic scope of bibliographic coupling in economics
11:40-12:55	Cornelis Schuytzaal	Cluster #1	219	Mark Akoev, Olga Moskaleva and Vladimir Pisyakov	Confidence and RISC: How Russian papers indexed in the national citation database Russian Index of Science Citation (RISC) characterize universities and research institutes
			22	Valentina Markusova, Mark Akoev and Henk Moed	Developments in the Russian scientific production indexed in Scopus and Web of Science
			208	Ekaterina Dyachenko and Asia Mironenko	Publication Trajectories of Russian Cardiologists: Ways to Attain International Visibility
			216	Angelika Tsvinskaya and Mikhail Sokolov	The Russian “Monitoring of Efficiency of Educational Organizations”: Consistency, validity and unintended consequences

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11:40-12:55	Jan Willem Schaap Foyer	Cluster #8	29	Wolfgang Glänzel, Bart Thijs, Lin Zhang and Gunnar Sivertsen	Developing a model for individual-level measurement of research activity and citation impact
			47	Kyle Siler, Cassidy Sugimoto and Vincent Larivière	Cumulative Advantage in Scientific Visibility: Citation Performance of Repeat Authors in Economics Journals
			83	Jonas Lindahl, Cristian Colliander and Rickard Danell	In search of future excellence: the information value of bibliometric indicators in predicting doctoral students' future research performance
			241	Misha Teplitskiy, Eamon Duede, Michael Menietti and Karim Lakhani	Why (almost) Everything We Know About Citations is Wrong: Evidence from Authors
11:40-12:55	Waalse Kerk Foyer	Track 12	59	Carolina Cañibano, Carmen Corona and Richard Woolley	Internationalisation as transformation: trans-national mobility and research careers in the human and social sciences
			128	Csaba Kozma and Clara Calero-Medina	The role of South African researchers in intercontinental collaboration
			244	Zaida Chinchilla-Rodríguez, Vincent Larivière, Nicolás Robinson-García, Rodrigo Costas and Cassidy Sugimoto	Building ties across countries: International collaboration, field specialization, and global leadership
			254	Nicolas Robinson-Garcia, Eric van Holm, Julia Melkers and Eric Welch	From theory to practice: Operationalization of the GTEC framework
14:20-15:35	Aalmarktzaal	Cluster #22	142	Dangzhi Zhao and Andreas Strotmann	Location filtered citation counting: How much of a difference does it make in research evaluation?
			170	Marc Luwel, Nees Jan van Eck and Thed N van Leeuwen	The Schön case: Analyzing in-text citations to papers before and after retraction
			187	Wout Lamers, Nees Jan van Eck, Ludo Waltman and Holger Hoos	Patterns in citation context: the case of the field of scientometrics
			205	Roman Fudickar and Hanna Hottenrott	Research at the Frontier of Knowledge: Comparing text similarity indicators to citations for measuring scientific excellence
14:20-15:35	Waalse Kerk Foyer	Cluster #27	168	Nelius Boshoff, Annabella Basaza-Ejiri and Ellen R. Tise	Internationally linked authors in Uganda, East Africa: An example of author-level bibliometrics for a developing country
			180	Ingeborg Meijer, Inge van der Weijden, Ingeborg van der Ven and Johan Jan Beukman	Academic working conditions and mental health of PhD candidates
			196	Irene Ramos-Vielba, Pablo D'Este and Elena Castro-Martínez	Women scientific researchers and interactions with non-academic actors

Schedule	Room	Track / cluster	Paper	Authors	Title
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			17	Loet Leydesdorff, Caroline Wagner and Lutz Bornmann	"Critical Transitions" and "Avalanches" in Journal-Journal Citation Relations
			206	Florian Beng	Trade Journals in Bibliometric Databases and Their Influences on Indicator Calculations
			258	Yves Fassin	A New h <sup>3</sup> -index for Academic Journals
14:20-15:35	Cornelis Schuytzaal	Cluster #3	9	Andre Brasil	Exploring differences in scientific production originated from professional and academic graduate courses in Brazil
			108	Renan Gonçalves Leonel da Silva and Hillegonda Maria Dutilh Novaes	Understanding the political framework of biopharmaceutical development in Brazil: the case of monoclonal antibodies
			181	Bruna de Paula Fonseca, Priscila Costa Albuquerque and Fabio Zicker	Coherence between research output and public health priorities: the case of neglected tropical diseases in Brazil
15:55-17:10	Aalmarktzaal	Cluster #25	24	Julia Heuritsch	Effects of Indicators on Knowledge Production in Astronomy
			64	Peter Van Den Besselaar, Helene Schiffbaenker, Ulf Sandstrom and Charlie Mom	Explaining gender bias in ERC grant selection – Life Sciences case
			111	K.A. Khor, Giovanni Ko and Walter Thesiara	Using Grant Competition Finalists to Estimate the Effect of Large Research Grants on Early Career Scientists: Evidence from Singapore
15:55-17:10	Waalse Kerk Foyer	Cluster #5	85	Paul Donner	Supplementing citations to PhD theses with citations from Google
			95	Raf Guns	Concentration of academic book publishers
			132	Tim Engels, Andreja Istenič Starčič, Emanuel Kulczycki, Janne Pölönen and Gunnar Sivertsen	Are book publications disappearing from scholarly communication in the social sciences and humanities?
15:55-17:10	Jan Willem Schaap Foyer	Cluster #28	36	Nobuya Fukugawa	Product-level evidence of the determinants and impacts of public agricultural research: Panel analysis of plant patent data in Japan
			246	Diane Marie Plante, Philippe Mongeon and Vincent Larivière	Exploring interdisciplinarity through the prism of research objects
			175	Ed Noyons and Ismael Ràfols	Can bibliometrics help in assessing societal contributions of agricultural research? Exploring societal interactions across research areas

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			156	Xiaozan Lv and Ping Zhou	A comparative study on big data research in China and the USA
			184	Ping Zhou and Xiaojing Cai	Funding, collaboration and research performance: A comparative study of leading universities in China and the USA
			228	Wei Quan, Philippe Mongeon and Vincent Larivière	China's increasing leadership in scientific collaboration

### Posters - All conference long

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19	Lai Ma, Junwen Luo, Kalpana Shankar and Pablo Lucas	Document Analysis of Peer Review Criteria and Process in Science Foundation Ireland
28	Jinhyuk Yun, Sejung Ahn and June Young Lee	Journal- and Time-normalization of Fat-tailed Citations Distributions
33	Rodrigo Liscovsky Barrera	Overcoming the divide in SSTI: a mixed method and multi-level analysis of internationalisation in South American biomedical research
38	Nadine Rons	Testing Reviewer Suggestions Derived from Bibliometric Specialty Approximations in Real Research Evaluations
40	Alma Cardi and Gemma Derrick	Academic behaviour and university policy: A comparison of the use of evaluation as a tool to change researcher behaviour in Italy and the UK
42	Björn Hammarfelt	What is a discipline? The conceptualization of research areas and their operationalization in bibliometric research
53	Bethania de Araújo Almeida, Paula Xavier and Mauricio Barreto	Integration of Administrative Data for Science and Public Policy: An Experience in Brazilian Public Health
55	Richard Heidler and Stefan Winkler-Nees	Funding Research Data Infrastructures: Criteria in Grant Peer Review
58	Antonio Perianes-Rodríguez, Alexis-Michel Mugabushaka, Theodore Papazoglou	Effect of authors' journal choices in the visibility of scientific publications
71	Haiyun Xu, Kun Dong, Rui Luo and Chao Wang	Research on Topic Recognition Based on Multivariate Relation Fusion
78	Irina Antoshchuk	Female computer scientists from Post-Soviet space: migration and academic career in the UK
80	Claudia Daniele de Souza, Daniela De Filippo and Elias Sanz Casado	International visibility of Brazilian public universities
84	Daniela De Filippo and Antonio Eleazar Serrano-López	Academic impact and social media impact in Green and Sustainable Science and Technology publications

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92	Xiaoling Sun, Kun Ding, Bing Li and Yuan Lin	Who says what about the most-discussed articles of Altmetric?
119	Jose A. Moral-Munoz and Manuel J. Cobo	Measuring the online attention of the Rehabilitation Web of Science category: an Altmetrics-based analysis
123	Judit Bar-Ilan, Gali Halevi and Stasa Milojevic	Differences between Altmetric Data Sources – A Case Study
124	Bitnari Yun, June Young Lee, Jinhyuk Yun and Sejung Ahn	Research Profiling of Gender Studies based on the Scientometric Indicators
126	Robin Cowan and Giulia Rossello	Emergent structures in faculty hiring networks, and the effects of mobility on academic performance
130	Jinseo Park, June Young Lee and Oh-Jin Kwon	How the retracted publications are managed and used? A South Korean case
147	Nees Jan van Eck and Ludo Waltman	Analyzing the activities of visitors of the Leiden Ranking website
150	So Young Kim and Hyuck Jai Lee	Relationship between utilization of acquired technology by patent acquisition and subsequent patent production
152	Sejung Ahn, Jinhyuk Yun, Bitnari Yun and June Young Lee	A Comparative Study on Scientometric Indicators in Papers and Patents: A Case Study on Graphene
157	Jessica Cox, Curt Kohler, Anthony Scerri, Corey Harper, Paul Groth and Ron Daniel Jr.	Measuring Scholarly Discourse Change with Respect to Citations – A Nobel Prize Case Study
169	Núria Radó-Trilla, Maite Solans-Domènech and Paula Adam	Participatory design of impact indicators for nursing research
173	Andres Pandiella-Dominique, Nuria Bautista-Puig and Daniela De Filippo	Mapping growth and trends in the category ‘Green and Sustainable Science and Technology’
174	Dorte Henriksen	The effect of bibliometric performance systems on Danish economists and political scientists
177	Bijan Ranjbar-Sahraei, Nees Jan van Eck and Rutger de Jong	Accuracy of affiliation information in Microsoft Academic: Implications for institutional level research evaluation
178	Inge van der Weijden, Alfredo Yegros Yegros, Felipe Borges Des Santos and Wout Lamers	Identification, dynamics and performance of mixed gender teams
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231	Anna Kiss and Sándor Soós	Multivariate Bibliometric Analysis as a Tool of Understanding the Patterns of Academic Career Paths
232	Alan Porter, Jan Youtie, Stephen Carley, Nils C. Newman and Dewey Murdick	Contest: Measuring Tech Emergence
252	Bart Van Looy, Andrea Azzola, Adrian Kovacs and Paolo Landoni	Complements or Substitutes? Co-Patents, Patent Reassignments and Technological Alliances as Indicators of Open Innovation
260	Jonathan Dudek, Timothy D. Bowman and Rodrigo Costas	When do tweeters tweet about Science? Exploratory analysis of the Twitter dissemination of scientific publications by weekdays and months
262	Soyoung Kwon, Yonghee Kim and Jonghwa Park	A Study on the selection of KISTEP 10 future key technologies
265	Bérangère Virlon, Tiphaine Bith, Rosa Mariana De Leon Escribano, Julie Dupuis and Yves Fort	Open Data on ANR-funded research: a valuable resource to explore