

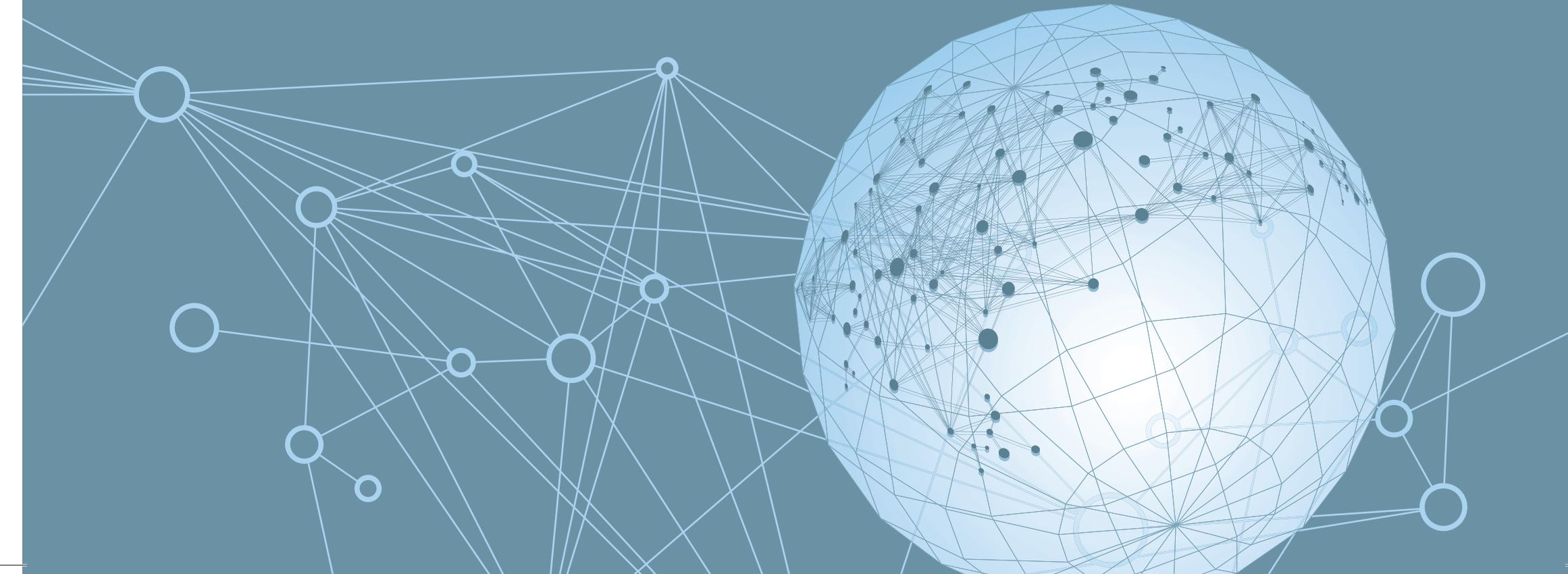


STI 2014 Leiden

Program of the science and technology indicators conference 2014

“Context Counts: Pathways to Master Big and Little Data”

3 - 5 September 2014 in Leiden, the Netherlands



Wednesday 3 September

09:00	Opening of the conference and keynote Peter Dahler-Larsen		
	Aalmarkt		
	Chair: Ed Noyons Willem te Beest Welcome to Leiden University		
	Paul Wouters Welcome to STI 2014		
	Peter Dahler-Larsen Constitutive Effects of Performance Indicator Systems		
10:30	Coffee / tea break		
10:40	Exploring citation impact	10:45	Research evaluation processes
	Aalmarkt	Breezaal	
	Chair: Wolfgang Glanzel Jesper W. Schneider and Rodrigo Costas Identifying potential 'breakthrough' research articles using refined citation analyses: Three explorative approaches	Chair: Judit Bar-Ilan Gemma Derrick, Ingeborg Meijer and Eric van Wijk Unwrapping "impact" for evaluation: A co-word analysis of the UK REF2014 policy documents using VOSviewer	Chair: Ulle Must Fereshteh Didegah and Mike Thelwall Article Properties Associating with the Citation Impact of Individual Articles in the Social Sciences
	Richard Klavans, Kevin W. Boyack, Henry Small, Aaron A. Sorensen and John P. A. Ioannidis Indicators of Innovative Research	Per Ahlgren The SNIP indicator in relation to the Norwegian model	Christian Gumpenberger, Johannes Sorz, Martin Wieland and Juan Gorraiz Humanities in the bibliometric spotlight - Research output analysis at the University of Vienna and considerations for increasing visibility
	Stefanie Haustein, Vincent Larivière and Katy Börner Long-distance interdisciplinary research leads to higher citation impact		

List of posters from Poster Sessions 1

In alphabetical order (1/3)

Adrián A. Díaz-Faes, Mª Purificación Galindo and María Bordons -
 Exploring internationality and collaborative behaviour of scientists in Social Sciences and Humanities

Sibele Fausto and Tiago Murakami
 - Extracting and sharing data citations from Google Scholar for collaborative exploitation

Gaizka Garechana, Rosa Río-Belver, Ernesto Cilleruelo-Carrasco and Javier Gavilanes-Trapote -
 Effects of cuts in R&D investment in the quality and quantity of the research output of Spanish universities.

Renata Cristina Gutierrez Castanha, Carla Mara Hilário and Maria Cláudia Cabrini Grácio -
 International scientific collaboration index: an analysis of Brazilian science (1980-2009)

Saeed-Ul Hassan and Peter Haddawy
 - Semantic Analysis of Knowledge Flows using Scientific Literature

Wednesday 3 September

	Kevin W. Boyack and Richard Klavans Atypical combinations are confounded by disciplinary effects		A. I. M. Jakaria Rahman, Raf Guns, Ronald Rousseau and Tim C.E. Engels Assessment of expertise overlap between an expert panel and research groups		Cristina Restrepo-Arango and Jane M. Russell Methodological Proposal for Evaluating Performance of Social Science Researchers in Mexico
12:10	Behavior of scientists Aalmarkt	12:00	Usage data and citations Breezaal	12:00	Social sciences and humanities (2) Kleine foyer
	Chair: Sarah de Rijcke Jesper W. Schneider, Kaare Aagaard and Carter W. Bloch What happens when funding is linked to (differentiated) publication counts? New insights from an evaluation of the Norwegian Publication Indicator Theed N van Leeuwen and Marc Luwel An in-depth analysis of retracted papers in the Web of Science Philippe Mongeon and Vincent Larivière The consequences of retractions for co-authors: scientific fraud and error in biomedicine		Chair: Bluma c. Peritz Wolfgang Glänzel and Sarah Heeffter Cross-national preferences and similarities in downloads and citations of scientific articles: A pilot study Gali Halevi and Henk Moed Usage patterns of scientific journals and their relationship to citations Steve Love Measuring Emerging Scientific Impact and Current Trends: A Comparison of Altmetric and Hot Papers Indicators		Chair: Ülle Must Ad Prins, Rodrigo Costas, Theed Van Leeuwen and Paul Wouters Using Google Scholar in research evaluation of social science programs, with a comparison with Web of Science data Gunnar Sivertsen Scholarly publication patterns in the social sciences and humanities and their coverage in Scopus and Web of Science
13:15	Lunch				

List of posters from Poster Sessions 1

In alphabetical order (2/3)

Dorte Henriksen and Jesper Schneider

- Is the publication behavior of Danish researchers affected by the national Danish publication indicator? A preliminary analysis

Michael Khor and Ligen Yu - How has International Collaboration been beneficial to Young Universities? A Case Study

Diana Lucio-Arias and Sandra Carolina Rivera - Characterizing collaborations with bibliometric measures: enhancing descriptive indicators and co-authorship data

Valentina Markusova, Alexander Libkind, Levan Mindeli and Ed Noyons - Russian Universities Collaboration with Domestic and Foreign Funding Agencies

Fernanda Morillo, Borja González-Albo and Luz Moreno - Public-private co-publications beyond university-industry links

Carolina Rivera-Torres and Marcela Galvis-Restrepo - Analysing human resources and knowledge production in Colombian universities



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Wednesday 3 September

14:15	Poster session 1
15:15	Invited lecture: CitNetExplorer Aalmarkt Chair: Ed Noyons Nees Jan Van Eck and Ludo Waltman CitNetExplorer: A new software tool for analyzing and visualizing citation networks
15:45	Coffee / tea break
16:00	Special: Quality standards for evaluation indicators: Any chance for the dream to come true? Aalmarkt Ismael Rafols, Paul Wouters and Sarah de Rijcke Quality standards for evaluation indicators: Any chance for the dream to come true?
18:00	Reception at Leiden Town Hall

List of posters from Poster Sessions 1

In alphabetical order (3/3)

Nicolas Robinson-García, Evaristo Jimenez-Contreras and Clara Calero-Medina - The impact of a few: The effect of alternative formulas for recruiting talent in a non-competitive system

Antoine Schoen, Catherine Paradeise, Lionel Cauchard and Marianne Noël - A double shift in researchers' activity profiles. An actor-based analysis of the making of quality in high standing academic departments

Nobuyuki Shirakawa and Takao Furukawa - Invisible College Ranking: An Empirical Study of How Chinese Graduate Student Mobility Underpins Research Universities

Tung-Fei Tsai-Lin, Yuan-Chieh Chang and Bernhard Katzy - The impact of academic patenting on publication performance: The multi-dimensional framework

Lorna Wildgaard - The effects of 'ready to use' bibliometric indicators

Thursday 4 September

09:00	Keynote address Eppo Bruins Aalmarkt Chair: Robert Tijssen Dr Eppo Bruins Quality Indicators for the Applied and Technological Sciences		
09:30	Studies of funding systems (1) Aalmarkt	09:30	Innovation studies Breezaal
	Chair: Ghislaine Filliatreau Benedetto Lepori, Barbara Heller-Schuh, Thomas Scherngell and Michael Barber Understanding factors influencing participation in European programs of Higher Education Institutions Nicolas Carayol and Marianne Lanoe The Impact of Blue Skye Project Based Funding of Academic Research Daniele Rotolo, Michael Hopkins and Nicola Grassano Do Funding Sources Complement or Substitute? The Case of the UK Cancer Research Ulf Sandstrom, Peter Van Den Besselaar and Ulf Heyman The Complex Relationship between Competitive Funding and Performance		Chair: Per Ahlgren Franz Barjak and Marc Bill Paving the way for a new composite indicator on business model innovations Loet Leydesdorff, Floortje Alkemade and Gaston Heimeriks Patents as Instruments for Exploring Innovation Dynamics: Different Perspectives on "Photovoltaic Cells" Gaston Heimeriks, Floortje Alkemade, Antoine Schoen, Lionel Villard and Patricia Laurens Patterns of Globalisation: Geographical, Sectoral and Technological Developments in Corporate Invention. Joaquín M. Azagra-Caro and Elena M. Tur Differences between examiner and applicant citations in the European Patent Office: a first approach
09:30	Careers and trajectories Kleine foyer		Chair: Emanuela Reale Inge van der Weijden and Clara Calero Medina Gender, Academic Position and Scientific Publishing: a bibliometric analysis of the oeuvres of researchers Hanne Derycke, Katia Levecque, Noëmi Debacker, Karen Vandevelde and Frederik Anseel Factors influencing PhD students' scientific productivity Held Souza and Vincent Larivière The contribution of the postdoctoral fellows to the advancement of knowledge Cathelijn Waaijer The influence of career perspectives on the job choice of recent PhD graduates: a survey of five Dutch universities
11:00	Coffee / tea break		

List of posters from Poster Sessions 2

In alphabetical order (1/2)

Mehmet Abdulhayoglu and Bart Thijss
 - Enrichment of Bibliometric Databases by Assigning Region Information by means of the Web

Bruno Henrique Alves and Ely Francina Tannuri Oliveira - Theoretical foundations and applications: a study of normalized indicators Salton's Cosine and Jaccard Index in Author Co-citation Analysis

Maria Cláudia Cabrini Grácio and Ely Francina Tannuri de Oliveira - Normalized Citation Indexes: a theoretical methodological study applied to science

Pei-Shan Chi - Citations between books and journals in political science

Cinzia Daraio, Flavia Di Costa and Henk F. Moed - Towards Concordance Tables of Different Subject Classification Systems

Paul Donner - Enhanced self-citation detection by fuzzy author name matching

Sibele Fausto and Rogério Mugnaini - Beyond traditional metrics at the University of São Paulo: scientific production in the PLOS journals

Peter Haddawy and Saeed-Ul Hassan - A Comparison of Three Prominent Journal Metrics with Expert Judgement of Journal Quality

Thursday 4 September

11:15	Studies of funding systems (2)	11:15	University-Industry collaboration	11:15	Research teams
	Aalmarkt		Breezaal		Kleine foyer
	Chair: Ghislaine Filliatreau Aparna Basu A typology of countries based on efficiency of publication and patenting with respect to manpower and expenditure Gemma Derrick Intentions and strategies for evaluating the societal impact of research: Insights from REF2014 evaluators		Chair: Kevin Boyack Poh Kam Wong and Annette Singh A Preliminary Examination of the Relationship between Co-Publications with Industry and Technology Commercialization Output of Academics: The Case of the National University of Singapore Alfredo Yegros-Yegros, Joaquín M. Azagra-Caro, Mayte López-Ferrer and Robert J.W. Tijssen Do University-Industry co-publication volumes correspond with university funding from business firms? Alfredo Yegros-Yegros and Robert J.W. Tijssen University-Industry dual appointments: global trends and their role in the interaction with industry		Chair: Clara Calero Medina Rickard Danell The contribution of authors: A study of the relationship between the size and composition of author teams Jian Wang and Diana Hicks The organization of science: teams and networks Masatsura Igami and Sadao Nagaoka Exploring the effects of the motivation of a research project on the research team composition, management, and outputs
12:30	Lunch			12:30	ENID members meeting
					ENID Assembly

List of posters from **Poster Sessions 2**

In alphabetical order (2/2)

Naeyang Jeong, Jun Young Lee and Dae Nyoung Heo - Constructing Composite Indicators of Basic Research: Conceptual Issues

Jun Young Lee, Naeyang Jeong, Kyoung Hun Kim, Dae Nyoung Heo and Choong Han Song - Performance Analysis of Major Basic Science Research Institutes By Bibliometric Methods : The Status of Basic Science Research in Korea and Establishment of IBS

Loet Leydesdorff, Felix de Moya-Anegon and Wouter de Nooy - Scopus and Web-of-Science 2012 compared in terms of aggregated journal-journal citation relations: global maps and interactive overlays

Yuxian Liu and Cong Cao - Media coverage of genetically modified foods in China

Sabrina Petersohn - Using bibliometrics in research evaluation and research support - Academic librarians as professional providers of bibliometric services

Ronald Rousseau - Skewness for journal citation curves

Ayaka Saka - Comparison of the number of unique corresponding authors estimated using their e-mail addresses

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Thursday 4 September

13:30	Poster session 2
14:30	Keynote address Henk Moed Aalmarkt Chair: Thed van Leeuwen Henk Moed and Gali Halevi Metrics-Based Research Assessment
15:00	Altmetrics applications Aalmarkt
15:00	Gender Studies Breezaal
15:00	New algorithms Kleine foyer
	Chair: Henk Moed Zohreh Zahedi, Rodrigo Costas and Paul Wouters Broad altmetric analysis of Mendeley readerships through the academic status of the readers of scientific publication Jonathan Levitt and Mike Thelwall Investigating the Impact of the Award of the Nobel Prize on Tweets Judit Bar-Ilan and Inge van der Weijden Altmetric gender bias? – Preliminary results Peter Kraker, Philipp Weißensteiner and Peter Brusilovsky Altmetrics-based Visualizations Depicting the Evolution of a Knowledge Domain
	Chair: Jane Russel Adèle Paul-Hus, Rébecca L. Bouvier, Chaoqun Ni, Cassidy R. Sugimoto, Vladimir Pislyakov and Vincent Larivière Women and science in Russia: a historical bibliometric analysis Inge van der Weijden, Zohreh Zahedi, Ulle Must and Ingeborg Meijer Gender differences in societal orientation and output of individual scientists Cassidy Sugimoto, Chaoqun Ni, Jevin West and Vincent Larivière Innovative women: an analysis of global gender disparities in patenting
	Chair: Jesper Schneider Daniel Sirtes and Mathias Riechert A Fully Automated Method for the Unification of Funding Organizations in the Web of Knowledge Raf Guns Pruning cooccurrence networks Emiel Caron and Nees Jan van Eck Large scale author name disambiguation using rule-based scoring and clustering

Thursday 4 September

16:15	Coffee / tea break		
16:45	Special event: Roundtable on three data-driven projects Aalmarkt	16:30	Research evaluation methods Breezaal
	Chair: Sybille Hinze Ben Jongbloed, Benedetto Lepori and Paul Wouters Mads Gravas Roundtable on three data-driven multi-country/multi-university projects: ETER, U-Multirank and the Leiden Ranking		Chair: Gemma Derrick Tindaro Cicero, Marco Malgarini and Sergio Benedetto Research quality, characteristics of publications and socio-demographic features of Universities and Researchers: evidence from the Italian VQR 2004-2010 evaluation exercise Jordi Molas-Gallart, Pablo D'Este Rafols, Oscar Llopis and Ismael Rafols Towards an alternative framework for the evaluation of translational research initiatives Matthew Wallace and Ismael Rafols Characterizing the research landscape of Influenza A: new tools to inform policymaking
	Data sources Kleine foyer		
19:00	Conference diner at Scheltema (voucher required)		

Friday 5 September

09:00	Keynote address Diana Hicks		
	Aalmarkt		
	Chair: Paul Wouters Prof Diana Hicks Grand Challenges		
09:30	RISIS Special: Access to Data	09:30	Special: How to deal with Bibliometric Services
	Aalmarkt	Breezaal	Patent analysis
	Access to Data: Research Infrastructures balancing between Integrated and Distributed Facilities Panel: Stefan Hornbostel Diana Hicks Gunnar Sivertsen Marc Luwel Peter van den Besselaar Jonathan Adams (to be confirmed)		Gusta Drenthe, Gert Goris, Judith Gulpers and Wouter Gerritsma How to deal with Unsettling Realities of Bibliometric Services in Universities Chair: Ingeborg Meijer Koen Jonkers and Catalina Martinez Genetic patents in plant biotechnology Yuen Ping Ho and Poh-Kam Wong Using Patent Indicators to Evaluate the Strategic Priorities of Public Research Institutions: An exploratory study
10:45	Coffee / tea break		

Friday 5 September

11:00	Evaluation of individuals (1)	11:00	RISIS introduction & facilities session	11:00	Disciplines and interdisciplinarity
	Aalmarkt		Breezaal		Kleine foyer
	Chair: Alesia Zuccala Bart Thijs, Koenraad Debackere and Wolfgang Glänzel Improved author profiling through the use of citation classes Antonio Perianes-Rodriguez and Javier Ruiz-Castillo Within and across department variability in individual productivity. The case of economics Rodrigo Costas and Ed Noyons From publications to people: bibliometric benchmarking of a selection of countries in the Life Sciences based on individual-level bibliometrics		Matthias Weber The RISIS initiative Special event Poster session: RISIS facilities		Chair: Nadine Rons Edgar Schiebel, Ivana Roche, Dominique Besagni, Claire Francois and Marianne Hörlesberger A textual approach to measure the interdisciplinary character of research proposals for ERC starting grants Elizabeth Koier and Edwin Horlings How accurately does output reflect the nature and design of transdisciplinary research programmes? Irene Bongioanni, Cinzia Daraio, Henk Moed and Giancarlo Ruocco Disciplinary Profiles and Performance of Research Systems: a World Comparison at the Country level
12:15	Lunch + Best poster award				
	Chair: Inge vd Weijden				

Friday 5 September

13:30	Evaluation of individuals (2)	13:30	Field analysis	13:30	Citation analysis normalization
	Aalmarkt		Breezaal		Kleine foyer
	Chair: Alesia Zuccala Lorna Wildgaard and Birger Larsen Lorna Wildgaard and Birger Larsen Nadine Rons Investigation of Partition Cells as a Structural Basis Suitable for Assessments of Individual Scientists		Chair: Jacqueline Leta Lili Wang, Jojo Jacob and Zibiao Li Funding for some, spills for others: Explaining the emergence of nanotechnology in Chinese regions Mirjam Schomaker and Ed Noyons A methodological study to structure liquid biofuel science and put its publication dynamics into context Daniele Rotolo, Michael Hopkins, Ismael Rafols and Stuart Hogarth The Emergence of Molecular Biology in the Diagnosis of Cervical Cancer: A Network Perspective		Chair: Ton van Raan Javier Ruiz-Castillo and Ludo Waltman Field-normalized citation impact indicators using algorithmically constructed classification systems of science John Chase and Scott Cunningham Putting citation in its place: Exploring the role of geography in publication impact Javier Ruiz-Castillo and Rodrigo Costas The skewness of scientific productivity
14:45	Coffee / tea break				
15:00	Special: Are you being evaluated? Need for new approaches in evaluation practices Aalmarkt Judit Bar-Ilan, Paul Wouters, Dana Mietzner, Inge van der Weijden, Isidro Agullo, Clifford Tatum and Lorna Wildgaard Are you being evaluated? Need for new approaches in evaluation practices				
16:15	Closing of the conference Aalmarkt Chair: Paul Wouters				
17:15	City tour by boat (voucher required)				



STI 2014 Leiden

Context counts: Pathways to master big and little data

Preliminary program for the 2014 International conference of Science and Technology Indicators (STI 2014). The STI 2014 conference is organized under the auspice of the European Network of Indicator Designers (ENID) and hosted by the Centre for Science and Technology Studies (CWTS), Leiden University. This edition will focus on the 'social science of STI indicators', 'the context in which indicators function', and 'the increased availability of data for indicators'.

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