

STI2021

NOW ONLINE | SEP 13+15+17



Welcome to the STI 2021 Conference Website

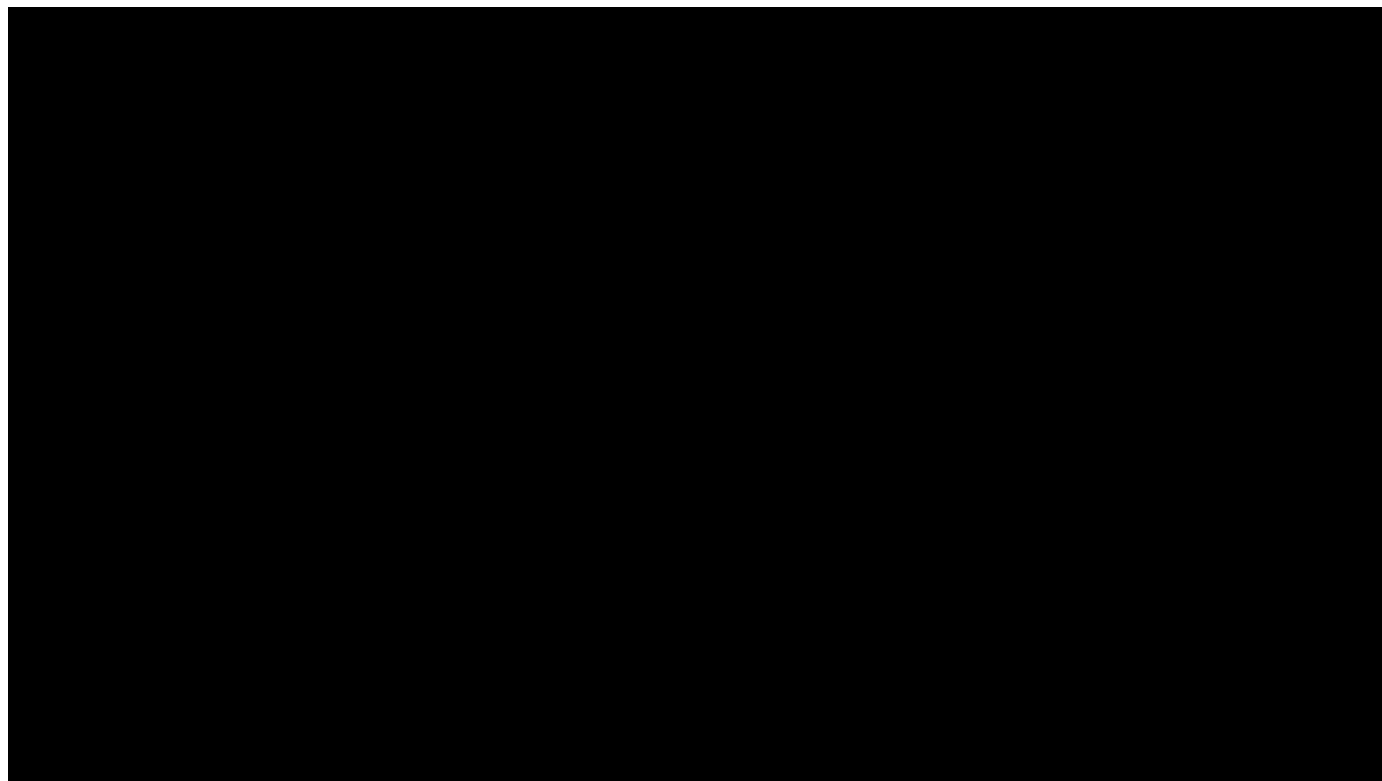
The 25th International Conference on Science, Technology and Innovation Indicators, STI 2021, will be held September 13, 15 and 17 2021 as an online event. The conference is held in collaboration with the European Network of Indicator Developers (ENID). The conference is hosted by the [Danish Centre for Studies on Research and Research Policy \(CFA\)](#) at Aarhus University.

The conference will make the most of the online format to offer you diverse presentation formats and interactions. However, we will not use a traditional paper-submission and presentation system. The content will be delivered through a number of special tracks and carefully selected topics with invited speakers. We hope that this will allow us to create a dynamic and engaging conference experience that will allow you to both listen and interact.

Please note that the conference was originally planned for 2020, but re-scheduled due to the COVID-19 pandemic.

This website will be updated regularly with new information. To keep up to date with the most

important changes, please follow us on Twitter for major updates: [@STI2021Aarhus](https://twitter.com/STI2021Aarhus)



Sponsors

Conference infrastructure sponsor:

International Center
for the Study of Research

[Tweets by STI2021Aarhus](#)

Who?

[Danish Centre for Studies in
Research and Research Policy](#)

Department of Political Science
Aarhus University

Bartholins Allé 7
8000 Aarhus C
Denmark

Conference programme

September 13th

Time and venue	Session
14.00-14.20	Welcome
Marselisborg	<p>Opening remarks by Thed van Leeuwen, Senior Researcher, CWTS, Leiden University in the Netherlands, and President, ENID</p> <p>Welcome by Carter W. Bloch, Professor and Centre Director, CFA, Aarhus University</p>
14.20-15.30	Panel debate: Is scientific freedom under pressure?
Marselisborg	<p>A panel of distinguished speakers debate whether scientific freedom is under pressure from political steering efforts and external funding.</p> <p>Chair: Jesper W. Schneider, Professor, CFA, Aarhus University</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Terence Karran, Professor in Higher Education, University of Lincoln • Liv Langfeldt, Director R-QUEST and Research Professor, Nordic Institute for Studies in Innovation, Research and Education (NIFU) • Ismael Ràfols, Senior Researcher, CWTS, Leiden University, SPRU and Ingenio • Ingrid Petersson, Director General, FORMAS – A Swedish Research Council for Sustainable Development, and Vice President representing Research Funding Organisations, Science Europe • Thomas Alslev Christensen, Senior Vice President, Impact, The Novo Nordisk Foundation
15.30-15.50	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

15.50-16.50	Parallel sessions
Marselisborg	<p>Parallel Session A.1: Open Access: Outcome as expected?</p> <p>Most of the transition to Open Access (OA) is already behind us. Based on a systematic review of empirical studies, this session discusses the attitudes, assessments, and practices of OA among individuals, communities, and organizations. The session also brings new evidence to the table for the discussion of what happens to fairness and quality assurance in research with the new configurations of the scientific publishing industry based on Article Processing Charges.</p> <p>Chair: Sybille Hinze, Head of Center for Open and Responsible Research (COrE), Berlin University Alliance</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Stefan Skupien, Scientific Coordinator for Open Science, Berlin University Alliance • Thed van Leeuwen, Senior Researcher, CWTS, Leiden University • Gunnar Sivertsen, Research Professor, Nordic Institute for Studies in Innovation, Research and Education • Johan Rooryk, Executive Director, cOAlition S, and Professor, Leiden University • Susan Murray, Executive Director, African Journals OnLine • Lying Yang, National Science Library, Chinese Academy of Sciences • Janne Pölönen, Head of Planning, Federation of Finnish Learned Societies
Coffee Room	<p>Parallel Session B.1: Gender</p> <p>Research concerning gender disparities and the advancement of women in academia has become a revitalized topic in Science and Technology Studies (STS); building upon the tracking mechanisms of the early 1980s to late 1990s. Recently, the community was advised that socially laden metaphors pertaining to gender is of growing concern, particularly those that signal femininity. Since then, there has been a significant debate; however little has been done to examine how the discipline considers the term 'variable'. In this workshop we will examine variables that are typically used for measurement compared to those that are phenomenological (i.e., experienced or perceived). When it comes to gender inequality in academia, there is more to know than what can be measured.</p> <p>Chair: Alesia Zuccala, Associate Professor, University of Copenhagen</p> <p>Co-chair: Gemma Derrick, Senior Lecturer, Lancaster University</p> <p>Participants will be asked to join discussions in breakout groups</p>
16.50-17.05	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

17.05-17.25	Award presentation: Eugene Garfield Award for Innovation in Citation Analysis
Marselisborg	<p>The Eugene Garfield Award is presented, and the recipient will give a short talk.</p> <p>Chair: Gali Halevi, Director, Institute of Scientific Information (IS), Clarivate</p> <p>The Eugene Garfield Award for Innovation in Citation Analysis is an annual award from the Institution for Scientific Information™ at Clarivate™. Established in 2017, it recognizes early career researchers working on innovative approaches in citation analysis that improve how the impact of scientific research is measured. This international award honors Dr. Eugene Garfield's legacy of generosity and support for scientists around the world. Find out more about the Eugene Garfield Award and other Clarivate Researcher Recognition programs here.</p>
17.25-18.00	Synthesis session
Marselisborg	<p>Invited speakers reflect on the discussions and takeaways from the day.</p> <p>Chair: Irene Ramos-Vielba, Senior Researcher, CFA, Aarhus University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Sybille Hinze, Head of Center for Open and Responsible Research (COrE), Berlin University Alliance • Andrew Plume, President, International Center for the Study of Research (ICSR), and Vice President, Research Evaluation, Elsevier • Alesia Zuccala, Associate Professor, University of Copenhagen
18.00-19.00	Optional social activities
Coffee Room	If you wish to meet or catch up with other participants, please join us for an informal video chat in the Coffee Room

September 15th

Time and venue	Session
14.00-14.45	Provocations: The post-pandemic politics of research prioritization
Marselisborg	<p>Chair: Maria Theresa Norn, Senior Researcher, CFA, Aarhus University</p> <p>Keynote speaker: James Wilsdon, Director, Research on Research Institute (RoRI), and Digital Science Professor of Research Policy Information School, University of Sheffield</p>
14.45-14.50	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

14.50-15.50	Parallel sessions
Marselisborg	<p>Parallel Session A.2: Questionable publishing across countries</p> <p>This session will present ongoing work relating to questionable (a.k.a. 'predatory') publishing from a scientometric perspective and the ways in which it is recognized and addressed in different localities, thus stimulating exchange of expertise and mutual learning. The topic will be addressed from three different positions: the researcher perspective, both as authors who choose venues to publish in and their roles in peer review; the professional perspective (library staff and bibliometricians who face recommending using metrics for evaluating if a journal is reputable); as well as the research evaluation issues such as white-/blacklisting as well as criteria for identification of questionable publish while, at the same time publishing practices are in constant flux.</p> <p>Chair: Gustaf Nelhans, Senior Lecturer, University of Borås</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Jakaria Rahman, Bibliometric Analyst, Chalmers University of Technology • Raf Guns, Coordinator of ECOOM-Antwerp, University of Antwerp • Janne Pölönen, Head of Planning, Federation of Finnish Learned Societies • Tove Faber Frandsen, Professor, University of Southern Denmark • Gunnar Sivertsen, Research Professor, Nordic Institute for Studies in Innovation, Research and Education
Risskov	<p>Parallel Session B.2: Professional competencies in evaluative bibliometrics</p> <p>The session sets forth to inquire more deeply into the nature of professional competence in evaluative bibliometrics. Taking competence research as a departure we discuss three competency dimensions and their interrelations for the domain of bibliometric research assessment. We will also ask whether professional competence in evaluative bibliometrics differs according to specific user perspectives and application as well as policy settings.</p> <p>Chair: Sabrina Petersohn, Researcher, German Centre for Higher Education Research and Science Studies (DZHW)</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Gali Halevi, Director, Institute of Scientific Information (IS), Clarivate • Leonie van Drooge, Senior Project Manager, CWTS, Leiden University • Henk Moed, Visiting Professor, Sapienza University of Rome • Ismael Ràfols, Senior Researcher, CWTS, Leiden University, SPRU and Ingenio • Florian Bayer, University of Vienna • Martin Szomszor, Director, ISI, Clarivate Analytics, and Electric Data Solutions • Barbara S. Lancho Barrantes, Bibliometrician, University of Leeds • Jürgen Wastl, Director of Academic Relations and Consultancy, Digital Science
15.50-16.10	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

16.10-17.10	Parallel sessions
Marselisborg	<p>Parallel Session A.3: Open Metadata</p> <p>This session provides an update on some of the key developments related to openness of the bibliographic metadata of scholarly publications. The implications of the discontinuation of Microsoft Academic, one of the most important sources of open bibliographic metadata, will be discussed. In addition, the session will cover the Principles of Open Scholarly Infrastructures, which have recently been adopted by various open infrastructure organizations, including Crossref and OpenCitations.</p> <p>Chair: Ludo Waltmann, Deputy Director and Professor, CWTS, Leiden University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Ginny Hendricks, Director of Member & Community Outreach, Crossref • Bianca Kramer, Subject Specialist Life Sciences and Medicine, Utrecht University • Cameron Neylon, Professor, Curtin University
Risskov	<p>Parallel Session B.3: Does how we fund research with societal goals work?</p> <p>How research funding works in many fields of research has become very complicated. Funders may deploy overlapping programmes without coordinating their efforts at field level or across geographic regions. Researchers may be funded by multiple, possibly aligned instruments, but be unwilling or unable to exploit potential funding synergies. In this panel we explore these issues for funding supporting research with societal goals. We provide an indicative overview of key dimensions of societally 'targeted' funding, then the panel will consider, with the audience, policy and practical challenges such as: How far should funders/funding reach to support societal goals? When researchers are funded by multiple funders, should funders work together towards potential synergies? Are societal goals best enabled by leaving funded researchers to strategize, with no funder intervention?</p> <p>Chair: Duncan Thomas, Senior Researcher, CFA, Aarhus University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Maria Nedeva, Professor, Manchester Institute of Innovation Research • Thomas Bjørnholm, Executive Chief Scientific Officer at VILLUM FONDEN (THE VELUX FOUNDATIONS) • Svein Olav Nås, Special Advisor, Research Council of Norway • Carter Bloch, Professor and Centre Director, CFA, Aarhus University
17.10-17.25	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

17.25-18.00	Synthesis session
Marselisborg	<p>Invited speakers reflect on the discussions and takeaways from the day.</p> <p>Chair: Jens Peter Andersen, Senior Researcher, CFA, Aarhus University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Stephane Berghmans, Director, Research and Innovation, European University Association • Gemma Derrick, Senior Lecturer, Lancaster University • Gunnar Sivertsen, Research Professor, Nordic Institute for Studies in Innovation, Research and Education
18.00-19.00	Optional social activities
Coffee room	<p>If you wish to meet or catch up with other participants, please join us for an informal video chat in the Coffee Room</p> <p>This evening, the coffee room offers a virtual tour of the Places & Spaces: Mapping Science exhibit: <i>Since 2005, the Places & Spaces: Mapping Science exhibit has brought the best examples of science mapping and interactive visualization tools to audiences around the world. Led by co-curator Todd Theriault, this virtual tour provides an overview of Places & Spaces and a detailed demonstration of works from the exhibit's 16th iteration—"Macroscopes for Harnessing the Power of Data."</i></p>

September 17th

Time and venue	Session
14.00-14.45	Provocations: Responsible Research Assessment & the acid test
Marselisborg	<p>Chair: Jens Peter Andersen, Senior Researcher, CFA, Aarhus University</p> <p>Keynote speaker: Sarah de Rijcke, Professor of Science, Technology, and Innovation Studies and Scientific Director, CWTS, Leiden University</p>
14.45-14.50	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

14.50-15.50	Parallel sessions
Marselisborg	<p>Parallel Session A.4: Advanced Bibliometric Indicators and Applications for Research Evaluation</p> <p>This special track aims to explore the ways of fully leveraging the power of advanced bibliometrics to enhance its capability in research evaluation in scalable, uncertain, and complicated environments. Our keynote speakers (Prof Alan Porter and Prof Caroline Wagner) will share their research on developing novel bibliometric indicators and facilitating bibliometrics for investigating emerging events in science and technology (e.g., the CoVID-19 pandemic). A panel discussion follows, providing opportunities to closely interact with our keynote speakers.</p> <p>Chair: Yi Zhang, Senior Lecturer, University of Technology Sydney</p> <p>Co-chair: Andrew Plume, President, International Center for the Study of Research (ICSR), and Vice President, Research Evaluation, Elsevier</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Caroline Wagner, Associate Professor, Ohio State University • Alan Porter, Professor Emeritus, Georgia Tech
Risskov	<p>Parallel Session B.4: Organizational identifiers, registers and implication for STI indicators production</p> <p>The session will discuss good practices for identification of research organizations in STI data sources, including requirements for organizational registers, achieving interoperability between registers and data sources and addressing differences between sources in perimeter, identification and tracking of research organizations. The session will involve actors from interoperability initiatives and registers, such as ROR, WHED and ETER, from international organizations involved in standardization and from data providers.</p> <p>Chair: Benedetto Lepori, Professor, Università della Svizzera italiana</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Yann-Maël Bideau, Policy Officer, European Commission • Andrea Reyes, Researcher, CWTS, Leiden University • Maria Gould, Research Data Specialist & Product Manager, California Digital Library • Colin Tück, Director, European Quality Assurance Register (EQAR) • Gillian Golden, Policy Analyst and Project Leader, Building Evidence, OECD • Andreas Corcoran, Deputy Secretary General, The International Association of Universities
15.50-16.10	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!

16.10-17.10	Parallel sessions
Marselisborg	<p>Parallel Session A.5: Science Communication and Research Impact</p> <p>The session will present research on the relationship between science communication and quantifications of research impact. Addressed topics will for instance include tensions between science communication and scholarly communication, correlations between public representation of research and its impact, and the use of scientometric-inspired approaches in the study of science communication (more specifically press releases).</p> <p>Chair: Steffen Lemke, Research Assistant, ZBW – Leibniz Information Centre for Economics</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Markus Lehmkuhl, Researcher, Freie Universität Berlin • Enrique Orduña-Malea, Associate Professor, Universitat Politècnica de València • Isabella Peters, Professor, Leibniz Information Centre for Economics • Saeed Ul Hassan, Associate Professor and Chairperson, Department of Computer Science, Information Technology University • Timothy Bowman, Assistant Professor, Wayne State University
Risskov	<p>Parallel Session B.5: Bibliometrics informing policy making: fit for purpose?</p> <p>Performance monitoring is a practice widely undertaken as researchers and policy-makers alike seek to understand why countries perform at the levels that they do and identify what aspects of policies contribute to the success of a country. However, whether or not and to what extent the input provided from the STI indicators community is taken up and used to inform policy making processes remains often unclear as do the reasons for their neglect. Based on specific examples we want to engage with policy makers in a discussion about whether or not policy makers get the information they are looking for and thus, whether or not the input from bibliometrics actually fulfils its purpose - informing policy making. Consequently we aim to contribute to identifying good practices for studies of the effects of science policy and performance indicators, including assessing the expectations from the policy side and the feasibility to provide informative input while also acknowledging potential limitations.</p> <p>Chair: Sybille Hinze, Head of Center for Open and Responsible Research (CRe), Berlin University Alliance</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Stephan Stahlschmidt, Research Area Research System and Science Dynamics - Acting Head, German Centre for Higher Education Research and Science Studies (DZHW) • Gunnar Sivertsen, Research Professor, Nordic Institute for Studies in Innovation, Research and Education • Jesper W. Schneider, Professor, CFA, Aarhus University • Koen Jonkers, Editor in Chief, European Commission • Jon Holm, Special Advisor, The Research Council of Norway • Uwe Cantner, Professor, Friedrich Schiller University Jena

17.10-17.25	Break
	Feel free to chat with other participants in the Networking Lounge or the Coffee room!
17.25-18.00	Synthesis session – and closing of the conference
Marselisborg	<p>Invited speakers reflect on the discussions and takeaways from the day.</p> <p>Chair: Carter Bloch, Professor and Centre Director, CFA, Aarhus University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Caroline Wagner, Associate Professor, John Glenn College of Public Affairs, Ohio State University • Alexandr Hobza, Chief Economist, Head of Unit "Common R&I Strategy and Foresight Service", European Commission • Enrique Herrera-Viedma, Vice-Rector for Research and Transfer, University of Granada • Thed van Leeuwen, Senior Researcher, CWTS, Leiden University
18.00-19.00	Optional social activities
Coffee room	If you wish to meet or catch up with other participants, please join us for an informal video chat in the Coffee Room