

26th International Conference on Science and Technology Indicators "From Global Indicators to Local Applications"

#STI2022GRX

The 26th International Conference on Science, Technology and Innovation Indicators, STI 2022, will be held on September 7-9, 2022. The conference will take place at the Faculty of Communication and Documentation and is organized by the University of Granada in collaboration with the European Network of Indicator Developers (ENID).



The 2022 STI conference addresses new issues and challenges that have appeared in Science, Technology and Innovation indicators. The conference will be an opportunity to showcase results from the intense work done in recent years on the use of science, technology and innovation indicators in relation to social actors, science and technology.

More information at <https://sti2022.org/>

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Summary

September 7 Wednesday		September 8 Thursday		September 9 Friday	
8.30-9.30	Registration	8.30-9.00	Registration	8.30-9.00	Registration
9.30-11.00	Opening + Plenary Alis Oancea - Zoom	9.00-10.15	Sessions	9.00-10.30	Plenary panel - Diana Hicks and Addy Adelaine - Zoom
11.00-11.30	<i>Coffee break</i>	10.15-10.45	<i>Coffee break</i>	10.30-11.00	<i>Coffee break</i>
11.30-12.45	Sessions	10.45-12.00	Sessions	11.00-12.15	Sessions
12.45-14.00	Sessions	12.00-13.15	Sessions	12.15-13.30	Sessions
14.00-15.00	<i>Lunch + Poster session</i>	13.15-14.15	<i>Lunch + Poster session</i>	13.30-14.30	<i>Lunch + Poster session + ENID Assembly (only members)</i>
15.00-16.15	Sessions	14.15-15.30	Sessions	14.30-15.45	Sessions
16.15-16.45	<i>Coffee break</i>	15.30-16.30	<i>Coffee break</i>	15.45-16.15	<i>Coffee break</i>
16.45-18.00	Sessions	16.30-17.30	Plenary Lev Manovich - Zoom	16.15-17.30	Sessions
18.00-18.30	Eugene Garfield Award	17.30-18.00	<i>Gold sponsors sessions</i>	17.30-18.00	Henk Moed Memorial
19.00-20.30	Reception Cocktail	18.00-19.00	<i>ENID Board meeting (only members)</i>	18.00-18.30	Closing Ceremony
20.00-22.00	 Women in Science Policy	20.00-22.00	Gala Dinner	20.00-22.00	PHDrinks & Scientobeers

Room schedule

	Room A	Room B	Room C	Room D
Wednesday September 7				
9:30-11:00	PS1 – Alis Oancea	---	---	---
11.30-12.45	S1 – Society	S4 – Careers	S8 – Altmetrics	S13 – Sust. Dev. Goals (SDG)
12.45-14.00	ST4 – Special Track 4	S5 – COVID	ST2 – Special Track 2	ST1 – Special Track 1
15.00-16.15	S3 – Collaboration	SO1 – Online Session	S11 – Open Science	S15 – Indicators
16.45-18.00	ST7 – Special Track 7	S7 – Innovation	S12 – Open Science	S16 – Infrastructure
18.00-18.30	PS2 – Eugene Garfield Award	---	---	---
Thursday September 8				
9.00-10.15	S17 – Interdisciplinarity	S21 – Careers	S25 – Citations	S29 – Innovation
10.45-12.00	S18 – Altmetrics	S22 – Policy	S26 – Diversity	S30 – Classification
12.00-13.15	S19 – Ethics	S23 – Innovation	S27 – Funding	SO3 – Online Session
14.15-15.30	S20 – Open Science	SO2 – Online Session	S28 – Funding	ST3 – Special Track 3
16.30-17.30	PS3 – Lev Manovich	---	---	---
17.30-18.00	---	GS1 – Digital Science	GS2 – ICSR Lab	---
Friday September 9				
9.00-10.30	PS4 – D. Hicks & A. Adelaine	---	---	---
11.00-12.15	S33 – Diversity	S38 – Careers	ST6 – Special Track 6	S46 – Universities
12.15-13.30	S34 – Careers	S39 – Ethics	ST6 – Special Track 6	S47 – Technology
14.30-15.45	S35 – Authorship	S40 – Scholarly communication	S44 – Open Science	S48 – Mapping
16.15-17.30	ST5 – Special Track 5	S41 – Altmetrics	S45 – Funding	S49 – Methods
17.30-18.00	PS5 – Henk Moed Memorial	---	---	---
18.00-18.30	PS6 – Closing Ceremony	---	---	---

GS: Gold Sponsor Session **PS:** Plenary Session **S:** Session **SO:** Session Online **ST:** Special Track

Oral communications

The color of the session cell indicates the room: ■ Room A ■ Room B ■ Room C ■ Room D

Session	Schedule	Presenter	Authors	Title
WEDNESDAY SEPTEMBER 7				
PS1	Chairs: Cassidy R. Sugimoto			
	9:30-11:00	The role of indicators in national evaluation systems Alis Oancea		
S1	Chairs: Hans-Dieter Daniel & Diana Hicks			
	11.30-12.45	Alfredo Yegros-Yegros	Ismael Rafols et al.	Mental health research: misalignment between priorities and needs in the face of shifting societal demands
		Irene Ramos-Vielba	Irene Ramos-Vielba et al.	How can 'societally-targeted research-funding' shape research networks and practices?
Philippe Mongeon		Philippe Mongeon et al.	On the impact of geo-contextualized and local research in the global North and South	
ST4	Chairs: Emanuel Kulczycki			
	12.45-14.00	Zehra Taskin	Zehra Taskin	Overview of language biases in evaluative metrics
		Fei Yutong	Fei Yutong and Marc Bertin	The multilingual aspect of citation contexts
		André Brasil	André Brasil	Multilingualism at risk: the pressure to internationalize scholarly output in Latin America
		Elea Giménez-Toledo	Elea Giménez-Toledo	Multilingualism in Iberoamerican academic books
Janne Pölönen		Janne Pölönen	Helsinki Initiative on recognizing multilingualism in assessment and funding	
S3	Chairs: Pei-Ying			
	15.00-16.15	Gunnar Sivertsen	Gunnar Sivertsen et al.	Contribution Score: Crediting contributions among co-authors
		Huimin Xu	Huimin Xu et al.	Disparity in the Evolving COVID-19 Collaboration Network
Jose A. Moral-Munoz		Jose A. Moral-Munoz et al.	Differences in collaboration level regarding biomedical translation: application in Electroacupuncture research area	
ST7	Chairs: Alberto Martín-Martín & Zaida Chinchilla Rodríguez			
	16.45-18.00	Lorena Delgado-Quirós	José Luis Ortega and Lorena Delgado-Quirós	SILICE: A prototype of a national scholarly information system based on open sources
		Isidro F. Aguillo Aguillo	Isidro F. Aguillo Aguillo	Research Portals (enhanced CRIS) as a source of Quality-controlled Metadata
		Jason Priem	Jason Priem, Heather Piwowar and Richard Orr	OpenAlex: A fully-open index of scholarly works, authors, venues, institutions, and concepts
Anton Ninkov		Anton Ninkov et al.	Mapping Metadata - Improving Dataset Discipline Classification	

Session	Schedule	Presenter	Authors	Title
PS2	18.00-18.30	Eugene Garfield Award		
		Announcement of the winner of the Eugene Garfield Award™, which recognizes early-career scientists working on innovative approaches in citation analysis		
Chairs: Gemma Derrick				
S4	11.30-12.45	Charlie Mom	Peter van den Besselaar, Charlie Mom and Torger Möller	Factors influencing the academic career - an event history analysis
		Rüdiger Mutz	Rüdiger Mutz	Why simply summing up any bibliometric indicators does not justify a good composite indicator for individual researcher assessment - A measurement perspective
		Julia Melkers	Julia Melkers and Eric Welch	Academic Research Competitiveness: Theorizing and Operationalizing a New Research Evaluation Framework
Chairs: Daniel Torres-Salinas & Wenceslao Arroyo-Machado				
S5	12.45-14.00	Hugo Confraria	Hugo Confraria	Shifts in research priorities in Latin America and the Caribbean (LAC) during COVID-19 times
		Peter Sjögårde	Peter Sjögårde	The effect of the rapid growth of covid-19 publications on citation indicators
		M ^a Pilar Valderrama Baca	M ^a Pilar Valderrama Baca and Daniel Torres-Salinas	Does the type of study on COVID-19 influence the value of Altmetrics?
Chairs: Lin Zhang & Pedro Juan Torres González				
SO1	15.00-16.15	Wenjing Xiong	Wenjing Xiong and Ping Zhou	Construction of search strategy and identification of knowledge bases for research in public affairs
		Dan Tian	Dan Tian, Yuchen Qian and Jiang Li	Contributions of Negative Results to Science: Evidence from Journal of Negative Results in BioMedicine
Chairs: Alfredo Yegros & Álvaro Clavijo-Cabezas				
S7	16.45-18.00	Thomas Scherngell	Thomas Scherngell, Yujie Gao and Martina Neuländtner	Drivers for inter-city innovation networks across Chinese cities: Modelling physical versus intangible effects
		Glenda Kruss	Glenda Kruss	An iterative model for the design of contextualised innovation indicators: experimentation oriented to food security development goals in South Africa
		Flávio José Marques Peixoto	Jorge Britto et al.	Short Period Innovation Survey: general guidelines and the Brazilian experience
		Karen E F Pinto	Karen E F Pinto, Alysson Mazoni and Sérgio Queiroz	The use of indicators to assess innovation development: A panel data analysis
Chairs: Kim Holmberg				
S8	11.30-12.45	M. Á. Montero-Alonso	Daniel Torres-Salinas, M. Á. Montero-Alonso and Wenceslao Arroyo-Machado	Skewness distribution of four key altmetric indicators: an in-progress analysis across 22 fields in a national context
		Puyu Yang	Puyu Yang and Giovanni Colavizza	Science in context: An overview of all Wikipedia's sources
		Pablo Sastron-Toledo	Pablo Sastron-Toledo and Daniela De Filippo	Relations between scientific activity and public policy in the field of open science. The case of Spain

Session	Schedule	Presenter	Authors	Title
Chairs: Ryan Beardsley & Gali Halevi				
ST2	12.45-14.00	Ryan Beardsley	Ryan Beardsley, Gali Halevi and Joshua Schnell	Diversity in STEM – Looking through the bibliometric lens
		Cassidy R. Sugimoto	Diego Kozlowski et al.	Applying an Intersectional Lens to Author Composition at Women's Colleges, Historically Black Colleges and Universities, and Hispanic Serving Institutions in the United States
		Ana Carolina Spatti	Ana Carolina Spatti et al.	oes funding affect gendered scientific impact in an emerging economy?
		Elena Chechik	Elena Chechik	Dissertation Authors and Their Advisors. Can Gender Diversity in STEM be achieved?
		Giammarco Quaglia	Giammarco Quaglia, Alice Civera and Cinzia Daraio	When is so much enough? On the presence of women in Italian universities and their participation in funded research projects and publications
Chairs: Roberto Cruz Romero & Leigh-Ann Butler				
S11	15.00-16.15	Leigh-Ann Butler	Leigh-Ann Butler et al.	The Oligopoly's Shift to Open Access Publishing: How For-Profit Publishers Benefit from Gold and Hybrid Article Processing Charges
		Henning Sanford	Henning Sanford	The State of Unpaywall: Analyzing the Consistency of Open Access Data.
		Marc-André Simard	Marc-André Simard, Isabel Basson and Vincent Larivière	Geographic differences in the uptake of diamond open access and APCs
		Irene Ramos-Violba	Irene Ramos-Violba and Maria-Theresa Norn	Open Science Partnerships' contribution to knowledge dissemination and value creation
Chairs: Guns Raf				
S12	16.45-18.00	Abdelghani Maddi	Abdelghani Maddi and David Sapinho	Does Open Access Really Increase Impact? A Large-Scale Randomized Analysis
		Andrea Mannocci	Andrea Mannocci, Ornella Irrera and Paolo Manghi	Open Science and Authorship of Supplementary Material. Evidence from a Research Community.
		Carey Ming-Li Chen	André Brasil, Carey Ming-Li Chen and Thed van Leeuwen	Analysing Open Access publishing beyond Plan S: Motivations for publishing in Hybrid and Bronze OA formats
Chairs: Gunnar Sivertsen				
S13	11.30-12.45	Rachel Herbert	Rachel Herbert et al.	Sustainability through a gender lens: The extent to which research on UN Sustainable Development Goals includes sex and gender consideration
		Juergen Wastl	Juergen Wastl, Briony Fane and Hélène Draux	Using Digital Science's Dimensions database to track research with the UN Sustainable Development Goals
		Javier Ortega-Colomer	Javier Ortega-Colomer, Oscar Llopis and Julia Olmos-Peñuela	SDGs-related research and scientists' relational involvement with non-academic actors
Chairs: Benedetto Lepori				
ST1	12.45-14.00	Benedetto Lepori	Benedetto Lepori	The OrgReg indicators module: status and issues
		Daniel Wagner-Schuster	Daniel Wagner-Schuster	Demo of the OrgReg indicators module
		Thomas Scherngell	Thomas Scherngell	Regional indicators: status and prospects
		Antoine Schön	Antoine Schön and Patricia Laurens	Indicators on large firms

Session	Schedule	Presenter	Authors	Title
Chairs: Evaristo Jiménez-Contreras & Pilar Valderrama Baca				
S15	15.00-16.15	Ronald Rousseau	Ronald Rousseau and Yves Fassin	The number of articles dealing with metrics grows faster than the Web of Science itself
		Kamila Lewandowska	Kamila Lewandowska	Two concepts of quality in non-traditional research fields: the case of creative arts
		Zehra Taşkın	Güleda Doğan et al.	What makes top 20 JIF journals "top"?: Exploring characteristics of journals indexed in the Journal Citation Reports
Chairs: Dangzhi Zhao				
S16	16.45-18.00	Stefanie Haustein	Stefanie Haustein et al.	User-centred design in indicator development: Involving the biomedical community in building an open science dashboard
		Daniel Hook	Daniel Hook, Simon Porter and Christian Herzog	Questioning the coming age of multimodal research infrastructure

THURSDAY SEPTEMBER 8

Chairs: Ronald Rousseau				
S17	9.00-10.15	Bart Thijs	Bart Thijs, Wolfgang Glänzel and Pei-Shan Chi	Knowledge integration = knowledge diffusion? On impact and benefits of interdisciplinary research
		Joshua Eykens	Joshua Eykens and Tim C.E. Engels	Situating and estimating interdisciplinary exchange at the University of Antwerp
		Max Meier	Max Meier and Bart Thijs	The conceptualization groundwork for indicators of Interdisciplinarity – A closer look at section references
Chairs: Rafael Repiso				
S18	10.45-12.00	José Luis Ortega	José Luis Ortega	Thematic and geographical biases in the mention of research articles by blogs and news in three altmetric providers
		Wenceslao Arroyo-Machado	Wenceslao Arroyo-Machado, Daniel Torres-Salinas and Rodrigo Costas	Where is the science in Wikipedia? Identification and characterization of scientifically supported contents
		Eline Vandewalle	Eline Vandewalle, Raf Guns and Tim C.E. Engels	Exploring the use of lib citations as an altmetric with local public libraries
Chairs: Julia Melkers & Philippe Mongeon				
S19	12.00-13.15	Alfredo Yegros-Yegros	Alfredo Yegros-Yegros, Wout Lamers and Adrián A. Díaz-Faes	Research integrity at stake: conflicts of interest and industry ties in scientific publications
		Antonia Velicu	Antonia Velicu, Isabel Raabe and Heiko Rauhut	"They had it coming" - Extent and contextual determinants of scientific misconduct in Austria, Germany, and Switzerland
		Álvaro Cabezas-Clavijo	Álvaro Cabezas-Clavijo, Yusnelkis Milanés-Guisado and Ángel M. Delgado-Vázquez	Methodological shortcomings of bibliometric papers published in the journal Sustainability (2019-2020)
Chairs: Marc-André Simard				
S20	14.15-15.30	Alberto Martín-Martín	Alberto Martín-Martín, Juan María Fernández-Pérez and Emilio Delgado López-Cózar	Identification of self-citations in Google Scholar author profiles
		Vincent Larivière	Isabel Basson et al.	The relationship between open access publishing and referencing
		Maria Pietilä	María Pietilä et al.	Open Science Assessment and Incentives at the YUFE Alliance

Session	Schedule	Presenter	Authors	Title
PS3	Chairs: Sybille Hinze			
	16.30-17.30			Cultural Analytics Lev Manovich
S21	Chairs: Giovanna Sánchez Nieminen & Peter van der Besselaar			
	9.00-10.15	Clara Boothby	Clara Boothby et al.	A comprehensive survey and analysis of project roles across career stages in the academic workforce
		Antonio Zinilli	Antonio Zinilli et al.	Diversification vs. specialization from the perspective of research programmes: a complexity approach
Sasithorn Supakienmongkol		Sasithorn Supakienmongkol	Mismatch between STEM Education and Occupation: A Case Study of Thai certificate holders	
S22	Chairs: Fredrik Åström			
	10.45-12.00	Hans Jonker	Hans Jonker and Florian Vanlee	Exploring structural patterns in the uptake of scientific publications in policy-related documents using the Overton altmetrics database: the case of universities in Flanders, Belgium
		Diana Hicks	Diana Hicks, Gordon Kingsley and Naseeb Souweidane	Tracking academic contributions to policymaking for autonomous vehicles
Franz Barjak		Fabian Heimsch and Franz Barjak	On the contribution of intermediary organizations to knowledge sharing	
S23	Chairs: Kristy James & Thed N. van Leeuwen			
	12.00-13.15	Joar Kvamsaas	Joar Kvamsaas	Learning or popularity: How does R&D network formation and innovative performance interact with each other? A SAOM approach
Adedamola David Adeyeye		Adedamola David Adeyeye et al.	Measuring innovation in the informal sector: preliminary findings	
SO2	Chairs: Daphne Getz & Oshrat Katz Shacham			
	14.15-15.30	Jie Meng	Jie Meng and Wen Lou	Assessment and prediction of the quality of scientific reviews: A text mining method
		Ran Sun	Ran Sun et al.	Disciplinary Boundary for Knowledge Diffusion: A Case Study in Psychology and Computer Science
Deyun Yin		Deyun Yin, Zhao Wu et al.	Identify Novel Elements of Knowledge with Word Embedding	
GS1	17.30-18.00	Sponsored session: Presentation of the International Centre for the Study of Research ICSR Lab – Elsevier		
S25	Chairs: Antonio Perianes-Rodríguez & Dag W. Aksnes			
	9.00-10.15	Hongyu Zhou	Beibei Sun et al.	How do natural sciences learn from social sciences? Investigating the prevalence, origin, and location of references
		Kathleen Gregory	Kathleen Gregory et al.	Surveying practices of data citation and reuse across disciplines
Gege Lin		Gege Lin et al.	The changing role of cited papers over time: An analysis of highly cited papers based on a large full text dataset	

Session	Schedule	Presenter	Authors	Title
Chairs: Orly Nathan & Torger Möller				
S26	10.45-12.00	Peter van den Besselaar	Peter van den Besselaar	Identifying gender stereotyping in evaluation reports: a linguistic analysis
		Özgür Kadir Özer	Özgür Kadir Özer and Yelda Erden Topal	The Role of Gender in Turkish Solar Energy Research
		Giovanna Sanchez Nieminen	Nina Rilla et al.	Moving away from traditional STI – how to improve gender equality and inclusivity in STI?
Chairs: David Minguillo & Andrew Plume				
S27	12.00-13.15	Thomas Feliciani	Thomas Feliciani and Kalpana Shankar	Fairness in funding research by lottery
		Vincent Traag	Vincent Traag et al.	How do grant application criteria influence inequalities in research funding?
		Marc Luwel	Marc Luwel and Martijn Visser	An exploratory study of the efficiency of different models for institutional research funding of European universities: linking ETER and Leiden Ranking databases.
Chairs: Stefanie Hausteijn				
S28	14.15-15.30	Soohong Eum	Soohong Eum	Project-based funding for green energy technology by the Korean Green Mission and its changes and characteristics
		Adam Ploszaj	Adam Ploszaj	A quasi-experimental evaluation of a research grant program – the tale of varied results based on different outcome variables, analysis periods and estimation methods
		Qi Wang	Qi Wang and David Minguillo	Distribution of public funding across research topics in Sweden
GS2	17.30-18.00	Sponsored session: Presentation of Dimensions and Altmetric.com Digital Science		
Chairs: Flávio José Marques Peixoto				
S29	9.00-10.15	Ana Teresa Santos	Ana Teresa Santos and Sandro Mendonça	Exploring innovation studies through a blurb lenses: A textmetric approach to journal positioning
		Bart van Looy	Max Meier et al.	Co-Patenting across European Innovation Systems (1980-2015): Methodological concerns and observed trends
		Julian Oliver Dörr	Julian Oliver Dörr	Mapping technologies to business models: An application to clean technologies and entrepreneurship
Chairs: Kevin Boyack & Kathleen Gregory				
S30	10.45-12.00	Peter Sjögarde	Peter Sjögarde	Exploring user needs in relation to algorithmically constructed classifications of publications: A case study
		Radim Hladík	Radim Hladík and Yann Renisio	Topic modelling and classification of scientific disciplines
		André Brasil	André Brasil	Rethinking a national classification system of research and graduate education

Session	Schedule	Presenter	Authors	Title
Chairs: Yi Bu & Elvira González Salmón				
SO3	12.00-13.15	Jingyi Zhao	Jingyi Zhao, Chunli Wei and Jiang Li	Is the research performance of Chinese returnees better than that of their local counterparts?
		Fan Qi	Lin Zhang et al.	Switching of research interest in careers and its impact on research performance – a gender perspective
Chairs: Alex Rushforth				
ST3	14.15-15.30	Responsible research assessment: Moving from rhetoric to reality Interactive closed panel discussion with audience Q&A This session consists of three presentations on the introduction of novel 'responsible' assessment practices in funding or research performing organisations from four pre-selected speakers: Gunnar Sivertsen (NIFU); Rochelle Fritch (Science Foundation Ireland); De Rijcke and Kaltenbrunner (joint presentation).		

FRIDAY SEPTEMBER 9

PS4	9.00-10.30	STI Indicators: Carving the path forward Panelists: Diana Hicks and Addy Adelaine Moderated by Juan Gorraiz		
Chairs: Rut Lucas Domínguez & Marc Luwel				
S33	11.00-12.15	David Campbell	David Campbell, Henrique Pinheiro and Matt Durning	Do Women Undertake Interdisciplinary Research More Than Men?
		Cecilia Tomassini	Cecilia Tomassini et al.	How does motherhood and fatherhood affect academic trajectories? A study on gender gaps in academic science in Uruguay
		Jonas Lindahl	Jonas Lindahl	The effect of parenthood on doctoral student's academic socialization and research productivity
Chairs: Cecilia Tomassini				
S34	12.15-13.30	Gita Ghiasi Hafezi	Gita Ghiasi Hafezi, Tanja Tajmel and Vincent Larivière	Gender homophily in patent examinations
		Amanda Kolopanis	Amanda Kolopanis et al.	Gender Employment Gap of the Indigenous Population in Canadian AI-related Industries
		Hans-Dieter Daniel	Hans-Dieter Daniel, Jana Bobokova and Rüdiger Mutz	Funding Programmes for Internationally Mobile Postdocs: Perceived Impacts on Individuals, Institutions and Society. – An exploratory study.
		Pei-Ying Chen	Pei-Ying Chen, Carey Ming-Li Chen and Cassidy R. Sugimoto	Where do the top talent in Taiwan come from and where do they work? A preliminary study of the Yushan Fellow Program
Chairs: Benjamín Vargas Quesada				
S35	14.30-15.45	Valeria Aman	Valeria Aman	Do authorship regulations in performance-based funding systems affect authorship practices? A case study of German medical faculties
		Zaida Chinchilla-Rodríguez	Zaida Chinchilla-Rodríguez et al.	The relationship between corresponding authorship and author position
		Manuel Escabias	Manuel Escabias and Nicolas Robinson-Garcia	The relation between contribution statements and academic age

Session	Schedule	Presenter	Authors	Title
Chairs: Juan Gorraiz & Nicolas Robinson-Garcia				
ST5	16.15-17.30	The significance of rejections and retractions in the saturation state of the peer review process		
		After a brief introduction to the topic provided by the authors (10 minutes), the workshop will start with short statements (around 5-10 minutes) of the invited participants sharing their personal view on the five key questions suggested before.		
PS5	17.30-18.00	Henk Moed Memorial		
PS6	18.00-18.30	Closing Ceremony Including the announcement of the next STI 2023 Conference		
Chairs: Hans-Dieter Daniel				
S38	11.00-12.15	Torger Möller	Charlie Mom, Torger Möller and Peter van den Besselaar	What is researcher independence and how can it be measured?
		Madelaine Hare	Madelaine Hare and Philippe Mongeon	The Impact of Mentorship on the Research Performance of LIS PhDs
		Gemma Derrick Derrick	Gemma Derrick Derrick et al.	Predicting the likelihood of resubmission after first failure: A model for broadening the role of peer review for ECRs
Chairs: Adrián A. Díaz-Faes & Andrea Sixto-Costoya				
S39	12.15-13.30	Emanuel Kulczycki	Emanuel Kulczycki and Sara Rotnicka	Consequences of Participating in Questionable Academia: A Global Survey of Authors of Journal Articles and Conference Presentations
		Taekho You	Taekho You et al.	Collective profile of questionable publishing
		Dimity Stephen	Dimity Stephen	Comparison of the citations of German medical science articles in questionable and non-questionable journals
Chairs: Michele Pasin				
S40	14.30-15.45	Angelika Tsivinskaya	Angelika Tsivinskaya	University-journal closure: Publication culture in Russian universities
		Silvia Dobre	Silvia Dobre, Rachel Herbert and Diana Hicks	The connection between professional magazines and the research literature
		Richard Klavans	Richard Klavans and Kevin Boyack	Predicting trends in research using research community imports and exports

Session	Schedule	Presenter	Authors	Title
Chairs: Eline Vandewalle				
S41	16.15-17.30	Adrián A. Díaz-Faes	Wenceslao Arroyo-Machado, Adrián A. Díaz-Faes and Rodrigo Costas	New insights on social media metrics: examining the relationship between universities' academic reputation and Wikipedia attention
		Alysson Mazoni	Alysson Mazoni et al.	On the quest of scholarly communities of attention: large-scale clustering of Twitter users around scientific publications
		Steffen Lemke	Steffen Lemke, Anne Witthake and Isabella Peters	Altmetrics for German medical research: what leads to research articles achieving policy impact?
Chairs: Angelo Salatino				
ST6	11.00-12.15	Michele Pasin	Michele Pasin and Richard J. Abdill	Generating large-scale network analyses of scientific landscapes in seconds using Dimensions on Google BigQuery.
		Muhammad Haris	Muhammad Haris, Markus Stocker and Sören Auer	Persistent Identification and Interlinking of FAIR Scholarly Knowledge
		Johan Eklund	Johan Eklund and Gustaf Nelhans	Probabilistic explorations of citation contexts: Citation roles and subject content of scientific references
Chairs: Angelo Salatino				
ST6	12.15-13.30	Tongyang Zhang	Tongyang Zhang et al.	Understanding Function Shift of Representative Words based on the Analysis of "Attention" in Psychology
		Brandon Sepulvado	Brandon Sepulvado, Damien Dablain and Lilian Huang	Developing an NLP-based Recommender System for the Ethical, Legal, and Social Implications of Synthetic Biology
		Ana Teresa Santos	Ana Teresa Santos and Catia Miriam Costa	Exploring the scientific discourse: the new perspectives about energy geopolitics
Chairs: Carey Ming-Li Chen & Peter Sjögarde				
S44	14.30-15.45	Roberto Cruz Romero	Roberto Cruz Romero	Blurry Access: A Bibliographic Analysis of Transparency Literature
		Thomas Scheidsteger	Thomas Scheidsteger and Robin Haunschild	Comparison of metadata with relevance for bibliometrics between Microsoft Academic Graph and OpenAlex until 2020
		Thed van Leeuwen	André Brasil and Thed van Leeuwen	The unseen costs of article processing charges: The different realities of Brazil and the Netherlands
Chairs: David Campbell & Silvia Dobre				
S45	16.15-17.30	Kydra Mayhew	Kydra Mayhew et al.	On the citation relationship between industry funded and publicly funded Canadian Food Research publications
		Fredrik Niclas Piro	Fredrik Niclas Piro, Marco Seeber and Lili Wang	Regional and sectorial variations in attractiveness of funding from the European Union's Framework Programs: evidence of increasing divergence
		Özgür Kadir Özer	Özgür Kadir Özer, Arsev Umur Aydınöglu and Erkan Erdil	The Relationship Between Participating EU Framework Programmes and International Co-publication
Chairs: Cassidy R. Sugimoto				
S46	11.00-12.15	Alice Civera	Alice Civera et al.	The political power of the Italian rectors: An analysis of recruitments in the period 2001-2021.
		Ana García-Granero	Ana García-Granero et al.	University-industry interactions: the role of university chairs in the management field
		Franz Barjak	Franz Barjak	Student-mediated knowledge exchange: reviewing the literature on an unjustly neglected form of interaction between higher education and business

Session	Schedule	Presenter	Authors	Title
Chairs: Alberto Martín-Martín				
S47	12.15-13.30	Justin Axel-Berg	Justin Axel-Berg, Jacques Marcovitch and Adalberto Luis Val	Mapping bioeconomy-relevant research in Amazon institutions
		Matheus Leite Campos	Matheus Leite Campos et al.	On the microfoundations of technology transfer: remarks from a Brazilian university
		Krzysztof Szczygieski	Krzysztof Szczygieski and Jerzy Mycielski	The mutual reinforcement of scientific and technological knowledge: a micro-level analysis
Chairs: Manuel J. Cobo & Victor Herrero-Solana				
S48	14.30-15.45	Basil Mahfouz	Basil Mahfouz, Geoff Mulgan and Licia Capra	Case Study: Mapping the impact of science on education policy during the COVID-19 pandemic
		Qianqian Xie	Qianqian Xie et al.	A visual method for comparing article-level clustering approaches
		Marcelo Augusto de Paiva Santos	Mariano de Matos Macedo et al.	Mapping and monitoring regional inequalities in Brazil with the ST&I Geography Indicators of the ST&I Observatory
Chairs: José Luis Ortega				
S49	16.15-17.30	Arash Hajikhani	Arash Hajikhani, Juha Oksanen and Maria Merisalo	Developing new means for monitoring the strategical goals implemented in public procurement: A machine learning approach
		Caleb Smith	Caleb Smith, Richard Klavans and Kevin Boyack	A bibliometric solution to the problem of translational science
		Alberto Martín-Martín	Alberto Martín-Martín and Emilio Delgado López-Cózar	Towards a foundation of scholarly records management: a framework to understand and organise scholarly communication

Posters

N.	Presenter	Authors	Title
WEDNESDAY SEPTEMBER 7			
4	Asefeh Asemi	Asefeh Asemi and Pouya Rasti	Mendeley Readership and Scopus Citation: A Comparison Study in Nursing
2	Robin Haunschild	Lutz Bornmann and Robin Haunschild	Identification of young talented individuals in the natural and life sciences using bibliometric data
3	Anna Abalkina	Anna Abalkina and Katerina Guba	From plagiarism to predatory publishing: organizational factors in explaining academic misconduct
4	Dangzhi Zhao	Andreas Strotmann and Dangzhi Zhao	Mapping controversial content on Wikipedia
5	João Santos	João Santos and Hugo Horta	The effect of Strategic Research Agendas on scientific productivity across Fields of Science
6	Ann Numi	Ann Numi	Analyzing the System Build-Up, Macro-Level and Micro-Level Dynamics of Agricultural Biotechnology; the case of Bt cotton
7	François Castagner	François Castagner et al.	Effects of competitive research training funding on the careers of medical doctors
8	Yi Zhang	Yi Zhang et al.	Profiling biomedical innovation from patents to research articles: Team structure, research leadership, and topic emphasis
9	Fredrik Niclas Piro	Fredrik Niclas Piro et al.	Joining evenly while remaining unlike: the influence of balanced inter-sectoral research collaborations on scientific performance
10	Francois Van Schalkwyk	Francois Van Schalkwyk and Isabel Basson	The Uptake, Visibility and Impact of Science on Regional Publishing Platforms: The Case of AfricArXiv
12	Yasser Buchana	Yasser Buchana	Exploring collaborative innovation networks and knowledge spillovers in the agriculture sector: A social network analysis approach
13	Chong Yu	Chong Yu and Koichiro Okamura	Technological paradigm of convergence technologies: An empirical analysis on the technological trajectories of cultured meat
14	Peter Aspeslagh	Peter Aspeslagh, Tim Engels and Raf Guns	Building on ROR. Enriching and customizing multi-purpose organization databases.
15	Dag W. Aksnes	Dag W. Aksnes and Gunnar Sivertsen	Patterns and trends in country level research collaboration over four decades
16	Huei-Ru Dong	Huei-Ru Dong and Mu-Hsuan Huang	Effect of Collaboration on Patent Maintenance Length
17	Kristin Biesenbender	Kristin Biesenbender and Isabella Peters	Researchers' Attitudes Towards Publishing and Citing Preprints – Side Paths to Open Access
18	Orly Nathan	Daphne Getz, Oshrat Katz Shacham and Rinat Klein	Women in Technological and Scientific Entrepreneurship
19	Orly Nathan	Daphne Getz, Oshrat Katz Shacahm and Avida Shoham	Artificial intelligence, Data science and Smart Robotics-Streaming knowledge transfer between academia, research institutes in the health care system and the industry
20	Orly Nathan	Orly Nathan et al.	"YODA'AT-She Knows" - Israel's Gender Knowledge Centre: Promoting Social and Gender Equality through Information and Data Activism

N.	Presenter	Authors	Title
THURSDAY SEPTEMBER 8			
1	Ilaria Falvo	Mario Gay, Ilaria Falvo and Benedetto Lepori	Digital Transformation in Higher Education Institutions: a systematic literature review
2	Verena Weimer	Verena Weimer et al.	Teaching as Part of Open Scholarship – Open Educational Resources as a Scientometric Indicator for Academic Performance Measurement
3	Alesia Zuccala	Alesia Zuccala et al.	Can we measure social capital in academia?
4	Enrique Orduna-Malea	Enrique Orduna-Malea and Núria Bautista-Puig	Measuring web connectivity between research organizations through ROR identifiers
5	José Luis Ortega	Lorena Delgado-Quirós et al.	Coverage and biases in freely accessible academic bibliographic platforms: an exploratory analysis
6	Enrique Fuente-Gutierrez	Enrique Fuente-Gutierrez	Analysis of the economic efficiency of the research activity of public universities: proposal of a model for the evaluation of performance
7	Ana Carolina Spatti	Ana Carolina Spatti et al.	The Common Bean: A comparison between the world's main producers of scientific knowledge
8	Pavel Panko	Xueying 'Shirley' Han et al.	Identifying Outstanding Scientists Using Bibliometric Indicators
9	Philippe Dittmann	Philippe Dittmann	Structural properties and epistemic effects of scientific careers in transition to tenured professorship
10	Cristina Arhiliuc	Cristina Arhiliuc	Discipline classification of research publications using keyword extraction algorithms
11	Hugo Confraria	Hugo Confraria and Tiago Santos Pereira	Research funding in Portuguese-speaking African countries: Patterns and alignment with health needs
12	Eirikur Smari Sigurdarson	Eirikur Smari Sigurdarson	Societal Impact, the SDGs, and the Humanities: A case study from the University of Iceland
13	Kevin W. Boyack	Kevin W. Boyack, Richard Klavans and Caleb Smith	Raising the bar for bibliometric analysis
14	Mousumi Karmakar	Mousumi Karmakar, Sumit Kumar Banshal and Vivek Kumar Singh	Measuring Altmetric Events: The Impact of Longer Observation Period and Article Level Computations
15	Jinseo Park	Jinseo Park and June Young Lee	Do research papers that have been widely reported in the media get a lot of citations later?
16	Andrea Sixto-Costoya	Eva Tendero-Cañadas et al.	Analysis of FAIR principles in datasets in the substance abuse field. A comparative study
17	Rut Lucas-Domínguez	Andrea Sixto-Costoya et al.	Women in Health Sciences research: a snapshot of the current situation
18	Ashraf Maleki	Ashraf Maleki and Kim Holmberg	Meta-analysis of studies on Twitter users disseminating scholarly publications
19	Yiming Liu	Yiming Liu et al.	Gender analysis of the Editorial Board Members of the Journals Information Science and Library Science
20	Gemma Derrick	Alis Oancea et al.	The role of research in higher education and research assessment: An international comparative study

N.	Presenter	Authors	Title
FRIDAY SEPTEMBER 9			
1	Julia Boman	Julia Boman, Mabel Sanchez Barrioluengo and Inge van der Weijden	Determinants of career pathways of PhD graduates
2	Angelika Tsivinskaya	Angelika Tsivinskaya	Global Russian Studies: Quantitative Methodologies and the Production of Academic Knowledge
3	Bouabid Hamid	Bouabid Hamid	A reliable model to measure geographical and technological distances impact on scientific collaboration
4	Guangyao Zhang Zhang	Guangyao Zhang Zhang et al.	What do academic employers want from candidates? A multi-disciplinary research
5	Ana Carolina Spatti	Ana Maria Carneiro et al.	Indicators for evaluating digital government strategies: a three-tiered framework
6	Kydra Mayhew Mayhew	Kydra Mayhew Mayhew et al.	On the coverage of historical journals in Web of Science and Scopus
7	Cynthia Vitale	Cynthia Vitale, Leslie McIntosh and Daniel Hook	Research in progress: Toward an ontology for scientific quality reporting indicators
8	Alejandra Manco Vega	Alejandra Manco Vega	Content analysis of institutional policies on open science
9	Julia Olmos-Peñuela	Julia Olmos-Peñuela, Nabil Amara and Elena Castro-Martínez	Science-society interactions. Exploring the link between open research practices and knowledge transfer mechanisms
10	Andrés Pandiella-Dominique	Núria Bautista-Puig and Andrés Pandiella-Dominique	OSDG Community Platform: a citizen science initiative towards the development goals
11	Diego M. Pérez Bejarano	Daniel Ricardo Torralba Barreto and Diego Mauricio Pérez Bejarano	Coordination of the research ecosystem in Colombia
12	Daniel Hook	Daniel Hook and Leslie McIntosh	Addicted to Attention
13	Christian Herzog	Christian Herzog and Jürgen Wastl	New horizons for research management indicators: development, deployment, application and responsible use
14	Mafini Dosso	Mafini Dosso, Milán Janosov and Manran Zhu	Quality of African science and the Sustainable Development Goals
15	Marion Schmidt	Marion Schmidt	Effects and Environments of Reproducibility Projects
16	Lígia Maria Gaspar Ernesto	Lígia Maria Gaspar Ernesto, Sandro Mendonça and Bruno Damásio	Portuguese Academic non-publications on Pharma: What are they saying?
17	Jonathan Dudek	Jonathan Dudek, Miriam Van Hoed, Lidia Núñez López and Rodrigo Costas	Mobility footprints: A notation method for studying researcher moves
18	Thomas Woodson	Thomas Woodson and Sophia Boutilier	From Intent to Impact-The Decline of Broader Impacts throughout an NSF Project Life-Cycle
19	Grant Lewison	Philip Roe et al.	The sex (or gender) of world cancer researchers in 2009 and 2019
20	Víctor Herrero-Solana	Víctor Herrero-Solana et al.	Industry 4.0: Spanish patents of the largest technology companies

Special tracks

ST1. Dataset harmonization and indicator development on Science Technology and Innovation. Insights from the RISIS project

Benedetto Lepori, Daniel Wagner-Schuster, Thomas Scherngell, Patricia Laurens and Antoine Schoen

Impressive developments have taken place in the development of Science and Technology Indicators in the last few decades, including advanced bibliometric indicators on scientific output, patents for technological output, as well as indicators on research investment and higher education institutions. The focus shifted rapidly from aggregated indicators at the level of whole national systems to more disaggregated indicators displaying the positioning of actors within the research system. This proliferation generated the challenge of interoperability and of developing specific indicators tailored to diverse user and policy needs. This panel will report the experience of the RISIS infrastructure project in addressing these challenges.

ST 2. Beyond Gender – Tracking Ethnic Diversity Through Publications

Ryan Beardsley and Gali Halevi

Promoting diversity and inclusion in STEM has been a topic of public and research discussions in the past few years especially on gender inequality. Research on ethnic diversity in STEM is mostly based on institutional surveys or employment records that shed a light on the topic but do not provide an insight into the research publications arena.

ST 3. Responsible research assessment: Moving from rhetoric to reality Interactive closed panel discussion with audience Q&A

Alex Rushforth, Wolfgang Kaltenbrunner and Sarah de Rijcke

The publication of principles, guidance and manifestos setting out values and good practice norms for research assessment practitioners to aspire to have been growing exponentially over the past decade. Alongside calls for responsible metrics, various campaigns to reform research culture (including moves to promote open science; research integrity; diversity, equity and inclusion; and broaden the social impacts of research) have recently been coalescing under the umbrella term 'responsible research assessment'. This session consists of three presentations on the introduction of novel 'responsible' assessment practices in funding or research performing organisations from four pre-selected speakers: Gunnar Sivertsen (NIFU); Rochelle Fritch (Science Foundation Ireland); De Rijcke and Kaltenbrunner (joint presentation).

ST 4. Language bias in evaluative metrics

Janne Pölönen, Zehra Taskin and Emanuel Kulczycki

This track addresses the specific issue of language bias in research assessment resulting from application of global metrics in local evaluation and funding procedures for institutions and individual researchers. In many non-Anglophone countries internationality is equated with scholarly communication in English even if researchers use other international languages as, among others, Spanish in Latin America or Arab and French in Africa. International excellence is commonly measured by publications and citations in international English language outlets indexed in databases such as the Web of Science or Scopus. Also, the most promising altmetrics sources mainly cover research published in English.

ST 5. The significance of rejections and retractions in the saturation state of the peer review process

Juan Gorraiz, Nicolas Robinson Garcia, Ursula Ulrych, Thed N. van Leeuwen, Janne Pölönen and Vincent Larivière

It is becoming increasingly difficult to find reviewers and there is growing dissatisfaction with the quality and value of reviews, many of which are carried out in a rush at the last minute. Under these circumstances, it is logical questioning the value and significance of an acceptance or rejection. On the other hand, the retraction of an article has recently provoked a wide discussion in the international scientometric community and has raised many questions and doubts.

ST 6. Advanced Representations of Scholarly Knowledge (ASK)

Angelo Salatino, Sahar Vahdati and Francesco Osborne

The main objective of this special track is to bring together researchers and practitioners from different fields (including, but not limited to, Digital Libraries, Information Extraction, Machine Learning, Semantic Web, Knowledge Engineering, Natural Language Processing, Scholarly Communication, and Bibliometrics) to explore innovative solutions and ideas for generating and leveraging advanced representations of scholarly knowledge (SK).

ST 7. Present and future of research metadata: where do we want to go from here?

Alberto Martín-Martín, Benjamín Vargas-Quesada, Zaida Chinchilla-Rodríguez and Manuel Jesús Cobo

The topics of the contributions to this special track can include analyses of the suitability of research metadata sources for specific use cases; sustainability and governance of research metadata; innovations in research metadata; downstream applications of open research metadata; and surveillance through research metadata.

Social events

			
María de la O Carretera de la Sierra, 13, 18008	María de la O Carretera de la Sierra, 13, 18008	Hotel Palacio de Santa Paula Gran Vía de Colón, 31, 18001	El Coso Doctor Oloriz, 25, 18012
Reception Cocktail	Women in Science Policy	Gala Dinner	PHDrunks & Scientobeers
All conference registrants are invited to attend this event	All conference registrants can register to participate	Event only for those registered for the conference dinner	PhD students registered at the conference have been invited to this event
Wednesday September 7 19.00 – 20.30	Wednesday September 7 20.00 – 22.00	Thursday September 8 20.00 – 22.00	Friday September 9 20.00 – 22.00

<p>At the end of the first day of the conference, a welcome cocktail reception will be held at the María de la O restaurant. Participants will be able to travel free of charge by bus to and from the event location:</p> <ul style="list-style-type: none"> – Departure to the restaurant from near the Faculty of Communication and Documentation (approximately between 18.30 and 18.45). – Departure to the center of Granada from the restaurant (at the end of the event). 	<p>This social activity is specific to women researchers in the area.</p> <p>Its purpose is to lay the foundations for future formal and informal support networks for women researchers. It is organized by Gemma Derrick, Cassidy R. Sugimoto and Caroline Wagner and is sponsored by the ICSR Lab, Elsevier.</p> <p>Pre-registration needed</p>	<p>The dinner will consist of a varied cocktail party which we aim to please all palates and the main course will be fish.</p> <p>The Hotel is located at the heart of the city. It is set within two historic buildings: the 16th-century convent of Santa Paula and a neighboring 14th-century townhouse.</p> <p>Pre-registration needed</p>	<p>Informal round table discussion that will include the participation of Cassidy R. Sugimoto and Sybille. Ph.D. students will have the opportunity to talk with these two experienced researchers about issues related to careers in science, open science, indicators, science policy, and the other main topics addressed at the conference over drinks and tapas.</p> <p>Pre-registration needed</p>
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It is necessary to show the accreditation provided at registration to gain access to all events

Additional information

Certificates ↓

After the conference, certificates will be sent out by e-mail on Monday 12 September.

Payment information ↓

Your credential includes a QR code which links to your all your payment information.

Internet connection ↓

During the conference you can access the internet via Wi-Fi by connecting to the **cviugr** network using the following credentials:

User: sti@invitados.ugr.es

Password: 26STI-UGR22

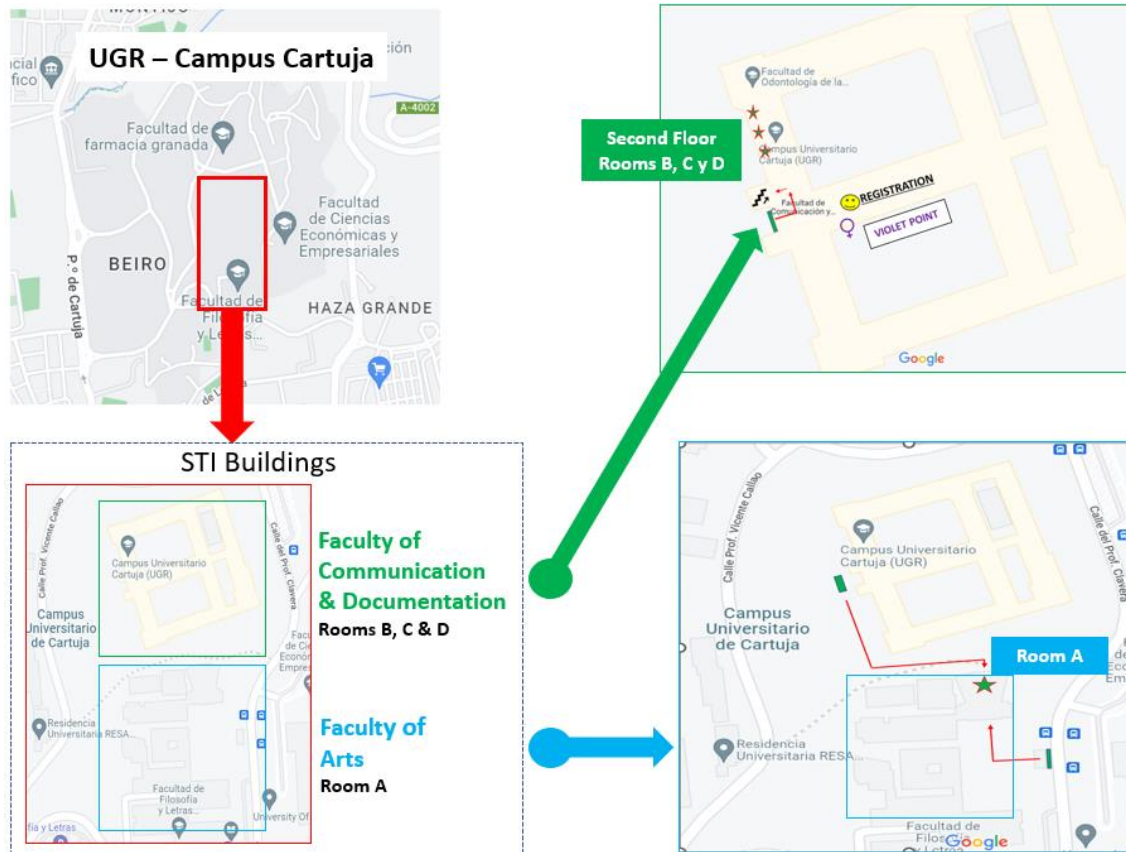
The EDUROAM service is also available at the University of Granada, so if your home institution also participates you can connect directly to it.

Violet Point ↓

Next to the registration point there is a violet point where you can go if you are a victim of or witness male violence.

More details at: <https://sti2022.org/violet-point/>

Rooms Location



Faculty of Communication and Documentation

Facultad de Comunicación y Documentación

- Registration (entrance hall)
- Rooms B, C y D (second floor)
- Violet Point (entrance hall)

Faculty of Arts

Facultad de Filosofía y Letras

- Room A (Aula Magna)