



2025

20th

INTERNATIONAL CONFERENCE
ON SCIENTOMETRICS
& INFORMETRICS

*Shaping
the Future:*
New Horizons in the
**Science
of Science**

PROGRAMME

**June 23-27, 2025
Yerevan
Armenia**

ISSI 2025 Program Overview

Monday June 23	
9:00-10:00	Registration & Welcoming Coffee
10:00-13:00	Workshop, Tutorial, Doctoral Forum
13:00-14:00	Lunch
14:00-14:20	Student Travel Award
14:20-17:00	Workshop, Tutorial, Doctoral Forum
Tuesday June 24	
08:00-09:00	Registration
09:00-09:30	Opening Ceremony
9:30-10:00	Keynote Session
10:00-10:30	Coffee Break
10:30-12:00	Parallel Sessions
12:00-13:00	Lunch
13:00-14:30	Parallel Sessions, Special Track ORI
14:30-15:00	Coffee Break
15:00-16:00	Parallel Sessions
16:00-21:30	Garni, Geghard & Welcome Reception
Wednesday June 25	
09:00-09:30	Price Award Ceremony
09:30-10:00	Keynote Session
10:00-10:30	Coffee Break
10:30-12:00	Parallel Sessions
12:00-13:00	Lunch

13:00-14:30	Parallel Sessions, Special Track FRAME
14:30-15:00	Coffee Break
15:00-16:30	Parallel Sessions, Special Track FRAME
16:30-18:00	Poster Session
19:00-23:00	Gala Dinner
Thursday June 26	
9:00-10:30	Parallel Sessions
10:30-11:00	Coffee Break
11:00-12:30	Parallel Sessions
12:30-13:30	Lunch
13:30-15:00	Parallel Sessions
15:00-15:30	Coffee Break
15:30-16:00	Award Ceremony
16:00-17:00	Closing Ceremony
17:00-18:00	ISSI General Assembly (ISSI members only)
Friday June 27	
9:00-19:00	Option 1 - Khor Virap, Noravank, Areni-1 Cave
9:00-18:00	Option 2 - Sevan, Dilijan, Hovaz Wine Rooms
9:00-17:00	Option 3 - Etchmiadzin, Zvartnots Cathedral, Maran Winery

Program Details & Timetable

Monday June 23

9:00-10:00 - Registration & Welcoming Coffee

10:00-13:00

Doctoral Forum

Hall: **Ferdowsi**

Chairs: **Iana Atanassova, Andrea Scharnhorst, Gunnar Sivertsen**

Nº	Authors	Title
1	Wendeline Swart	Detecting lexical anomalies by mining scientific articles: exploring the neighbourhood of tortured phrases
2	Jules Di Scala	Detecting citation manipulations with statistical metrics
3	Kathryn O. Weber-Boer	Mapping knowledge production in the zooarchaeology of the Bronze Age South Caucasus
4	Alexandre Clausse	Automatic extraction of tortured phrases from the scientific literature: screening for hallmarks of fraudulent publications
5	Gabriel Falcini, Sergio Luiz Monteiro Salles Filho	The Contribution of the Embrapii Model to Innovation Capabilities in Firms and Research Institutions in Brazil

Workshop

Hall: **ISTC**

Title: **Joint Workshop of the 5th AI + Informetrics (AII) and the 6th Extraction and Evaluation of Knowledge Entities from Scientific Documents (EEKE): AII-EEKE 2025**

Organizers: **Yi Zhang, Chengzhi Zhang, Philipp Mayr**

Tutorial

Hall: **European Studies Center**

Title: **Exploring the OpenAIRE Graph on Google Big Query**

Organizers: **Andrea Mannocci, Alysson Fernandes Mazoni**

13:00-14:00 – Lunch

14:00-14:20 - Student Travel Award

Hall: **Ferdowsi**

14:20-17:00

Doctoral Forum

Hall: **Ferdowsi**

Chairs: **Iana Atanassova, Andrea Scharnhorst, Gunnar Sivertsen**

Nº	Authors	Title
1	Ewa Zegler-Poleska	New Insights into Scientific Knowledge Production and Dissemination: Studying Preprint Withdrawals
2	Casandra Rusti	Gender Disparities and Institutional Prestige in Academic Publishing: A Large-scale Scientometric Analysis
3	Amina Akhmadiyeva	The Impact of Gendered Topic Selection on Inequalities in Science
4	Akbota Saduakassova	Global Academic Inequality and Mobility: Mapping Migration Patterns of Scholars

Workshop

Hall: **ISTC**

Title: **Joint Workshop of the 5th AI + Informetrics (AII) and the 6th Extraction and Evaluation of Knowledge Entities from Scientific Documents (EEKE): AII-EEKE 2025**

Organizers: **Yi Zhang, Chengzhi Zhang, Philipp Mayr**

Tutorial

Hall: **European Studies Center**

Title: **Exploring the OpenAIRE Graph on Google Big Query**

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Tuesday June 24

08:00-09:00 – Registration

09:00-09:30 - Opening Ceremony

YSU Big Conference Hall

Shushanik Sargsyan, Conference Chair, Institute for Informatics and Automation Problems of NAS RA
Sargis Hayotsyan, Chairman of the RA MESCS Higher Education and Science Committee
Hovhannes Hovhannisyan, Rector of Yerevan State University
Hrachya Astsatryan, Director of the Institute for Informatics and Automation Problems of NAS RA
Giovanni Abramo, ISSI President

9:30-10:00 - Keynote Session

YSU Big Conference Hall

Mike Thelwall - Have Large Language Models Replaced Citations as the Most Useful Sources of Research Quality Indicators?

10:30-12:00

Parallel Session 1

Hall: **Balian**

Session Title: **Models and Advanced Informetric Methods**

Chair: **Dag W. Aksnes**

Nº	Paper ID	Authors	Title
1	188	<u>Xiaojuan Liu</u> , Jianing Shen, <u>Xinran Dai</u> , Yao Yu	Social Impact Analysis of Retracted Paper in the Context of Public Health Emergencies
2	321	<u>Ashraf Maleki</u> , Marianna Lehtisaari, Kim Holmberg	How Scientific Research Impacts Policy Cycle
3	344	<u>Shuying Li</u> , Xian Zhang, Jiahui Li, Xin Zhang, Haiyun Xu	Research and Application on Multiple Topic Association Fusion Method Based on Neural Network and Evidence Theory
4	242	<u>Dag W. Aksnes</u> , Henrik Karlstrøm, Fredrik N. Piro	Current Interdisciplinarity Measures Fail to Reflect Authors' Perspectives
5	248	<u>Shuya Chen</u> , Guo Chen	Enhancing Scientometrics Prediction under Uncertainty: A DIKW-Based Framework and Methodological Synthesis

Parallel Session 2

Hall: ISTC

Session Title: **From Data to Bibliometric Research**

Chair: **Alesia Zuccala**

Nº	Paper ID	Authors	Title
1	339	Jeremy Y. Ng, Henry Liu, Mehvish Masood, Niveen Syed, Ludo Waltman, Stefanie Haustein, Michel Sabé, Marco Solmi, <u>Dimity Stephen</u> , Alexander Schniedermann, Simon Willemin, Marianne Gauffriau, Jens Peter Andersen, Lutz Bornmann, Rodrigo Costas, Wolfgang Glänzel, Sybille Hinze, Nicolas Robinson-Garcia, Gunnar Sivertsen, Stephan Stahlschmidt, Thed van Leeuwen, Erija Yan, Cameron Neylon, Verena Weimer, Alesia Zuccala, David Moher	Guidance List for repOrting Bibliometric AnaLyses (GLOBAL): A Two-Round Modified Delphi Study
2	128	<u>YueRu Hao</u> , Mingliang Yue, Tingcan Ma	Higher Standards and unnoticed preference - the Impact of Editor-in-Chief on Collaborators
3	194	<u>Jiayi Hao</u> , <u>Chengzhi Zhang</u>	Trajectory of Research Method Usage in the Academic Careers of Scholars in the Library and Information Science
4	148	<u>Lan Umek</u> , Dejan Ravšelj	Biblium: An Advanced Python Library for Bibliometric and Scientometric Analysis
5	285	<u>Chiaki Miura</u> , Ichiro Sakata	Difference between Preprint and Journal Systems

Parallel Session 3

Hall: **European Studies Center**

Session Title: **Open Science, Open Access and Editorial Impact**

Chair: **A. I. M. Jakaria Rahman**

Nº	Paper ID	Authors	Title
1	291	Denis Kosyakov	Green or Gold: Exploring How Open Access Models Shape Global Research Integrity
2	162	<u>A. I. M. Jakaria Rahman</u> , Marco Schirone, Patrik Bergvall	An Unsustainable Equation: Average Article Processing Charges Exceed Swedish Average PhD Salaries
3	196	<u>Xiaojuan Liu</u> , Nannan Xiang, Yao Yu	Exploring the Application of Open Peer Review in Academic Evaluation: An Analysis of H1 Connect Recommended Papers
4	201	Roberto Cruz Romero	Small Open Access Publishers: An Analysis of Visibility and Impact Patterns
5	292	Junwan Liu, Qiqi Zhang, Shuo Xu, Chenchen Huang, Xiaoyun Gong, <u>Jiahao Li</u>	Research on the Innovation Performance Improvement Path of Scientific Research Team from the Perspective of Network Embeddedness

Parallel Session 4

Hall: **Ferdowsi**

Session Title: **From Data to Bibliometric Research**

Chair: **Cassidy R. Sugimoto**

Nº	Paper ID	Authors	Title
1	346	<u>Xinman Zheng</u> , Xiwen Liu	An Empirical Study on the Distributional Characteristics of Policy Citation Behaviors in Climate Action Policies
2	340	Kathryn O. Weber-Boer	Missing links in the chaîne opératoire of citation: the limitations of systematic literature search in the social sciences and humanities
3	347	<u>Shan Huang</u> , Jin Mao, Gang Li	Insights from publication timing: the impact of knowledge features on the disruptive expression of papers
4	332	<u>Cristina Arhiliuc</u> , Raf Guns, Tim Engels	Text-based classification of all Social Sciences and Humanities publications indexed in the Flemish VABB database
5	364	<u>Shiqi Tang</u> , Xianjiang Deng, Jianhua Hou, Cassidy R. Sugimoto	Impact of Marriage on Productivity and Career of Women Scholars

12:00-13:00 - Lunch

13:00-14:30

Parallel Session 1

Hall: **Balian**

Session Title: **Science Policy and Evaluation**

Chair: **Torger Möller**

Nº	Paper ID	Authors	Title
1	368	<u>Torger Möller</u> , Philippe Dittmann	Assessment of a research funding organization for international mobility by bibliometric means. Implementation, results and challenges of responsible research evaluation.
2	159	<u>Alexander Gates</u> , Indraneel Mane, Jianjian Gao	The increasing fragmentation of global science limits the diffusion of ideas
3	137	Bernardo Cabral, Evandro Cristofolletti, Karen Esteves Fernandes Pinto, Sergio Salles-Filho, Yohanna Juk	National research, national policy: how local research fuels Brazil's policy
4	155	Maria Yudkevich, <u>Nataliya Matveeva</u> , Alexander Dmitrienko	Exploring Research Collaboration of Private Universities in Emerging EU Countries: A Comparison with Public Sector
5	287	<u>Cinzia Daraio</u> , Antonio Malo, Giulio Maspero, Ilaria Vigorelli	What are the most important outputs of research activity to assess? The proposal of relational goods

Parallel Session 2

Hall: **ISTC**

Session Title: **Artificial Intelligence – The Gamechanger**

Chair: **Cristian Mejia**

Nº	Paper ID	Authors	Title
1	270	Cristian Mejia	Research-Policy Alignment in AI: A Bibliometric Study of the EU AI Act
2	167	Dmitry Kochetkov	Science and Artificial Intelligence: A Copyright Perspective
3	121	Kuei-Kuei Lai, Yu-Chun Hsu, <u>Chwen-Li Chang</u>	A Hybrid Bibliometric-SEM-ANN Approach on mapping the Intellectual Structure of Knowledge, Dynamic Capabilities, and Competitive Advantage
4	173	<u>Dingkang Lin</u> , Jiang Li	How is the Sino-US AI Collaboration Reshaped by the China Initiative?

Parallel Session 3

Hall: **Ferdowsi**

Session Title: **Science Policy and Evaluation**

Chair: **Tindaro Cicero**

Nº	Paper ID	Authors	Title
1	123	<u>Mingze Zhang</u> , Penghui Lyu, Yizhan Li, Zexia Li	Scientific Travelers Associated with Less Disruption but Better Scientific Novelty
2	143	Hao Liu, <u>Yun Wei Chen</u> , Biao Zhang	Study on the Differences Between Journal Papers and Conference Papers in the Frontier of Basic Research: Taking the Terahertz Field as an Example
3	307	<u>Stephen Tze-Inn Wu</u> , Adel Diyaf, Reem Abusanina	Rapid growth of research output amidst political instability: A study of Libya's last 20 years
4	164	<u>Tindaro Cicero</u> , Annalisa Di Benedetto	Shaping innovation: A regional perspective on Industrial PhD programs in Italy
5	251	Anastasia Byvaltseva-Stankevich, <u>Anna Panova</u>	Ages in Academia: How Faculty Age Shapes University Research Output

Parallel Session 4

Hall: **European Studies Center**

Session Title: **Special Track: Open Research Information (ORI)**

Organizers: **Robin Haunschild, Lin Zhang, Erjia Yan**

Nº	Paper ID	Authors	Title
1	288	<u>Chiaki Miura</u> , Yoshiyasu Watanabe, Tsubasa Sakamoto, Hiroshi Hashizume	Multi-Disciplinary, Large Scale Mentorship Dataset and Demographics
2	326	<u>Eline Vandewalle</u> , Cristina Arhiliuc	How well does OpenAlex cover the Flemish Social Sciences and Humanities?
3	274	<u>Simon Willemin</u> , Gaël Bernard, Julian Dederke, Mahmoud Hemila1, Michelle Koch	What Are We Missing? A Systematic Approach to Overlap Analyses of Local and Global Repositories
4	322	Shuo Xu, <u>Jiahao Li</u> , Xin An, Shengnan Wang, Jianhua Liu, Yuefu Zhang	Annotation and Identification of Scientific Data Sharing Information from Data Availability Section
5		Cao Z., Zhang L., Huang Y., and Haunschild R.	How does the academia refer to open research information data sources? A review study based on OpenAlex and Microsoft Academic series

14:30-15:00 - Coffee Break

15:00-16:00

Parallel Session 1

Hall: **Balian**

Session Title: **Models and Advanced Informetric Methods**

Chair: **Yunwei Chen**

Nº	Paper ID	Authors	Title
1	139	Qianfei Tian, <u>Yunwei Chen</u> , Zhiqiang Zhang	Model construction and empirical research of China's science structure and science development
2	200	You-Fu Lee, Dar-Zen Chen, <u>Chun-Chieh Wang</u>	Identifying Vibrant Actors in Technology Development through Their R&D Activity and Persistence
3	185	<u>Yu Liao</u> , Li Li, Zhesi Shen	Is Journal Citation Indicator a good metric for Art & Humanity Journals currently?

Parallel Session 2

Hall: **ISTC**

Session Title: **Artificial Intelligence – The Gamechanger**

Chair: **Jing Shi**

Nº	Paper ID	Authors	Title
1	156	<u>Jing Shi</u> , Xinyi Peng, Xizhen Qiao, Ye Chen, Xiao Liu	Balancing Accuracy and Explainability: An Ensemble-KAN Model for Patent Grant Prediction
2	245	<u>Guendalina Capece</u> , Cinzia Daraio, Flavia Di Costa	Bridging Classification Systems: The Role of Artificial Intelligence in Developing Concordance Tables for Science, Technology, and Policy
3	246	<u>Xiaofei Li</u> , Guo Chen	Automatic Literature Review Generation by Integrating Large and Small Models

Parallel Session 3

Hall: **European Studies Center**

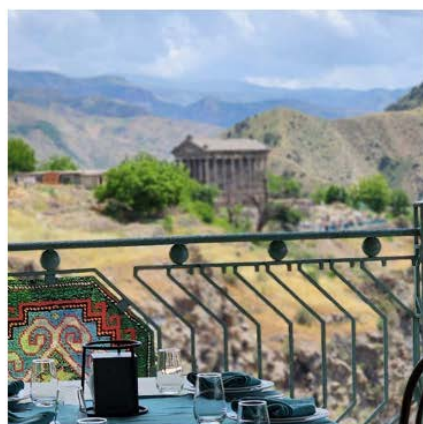
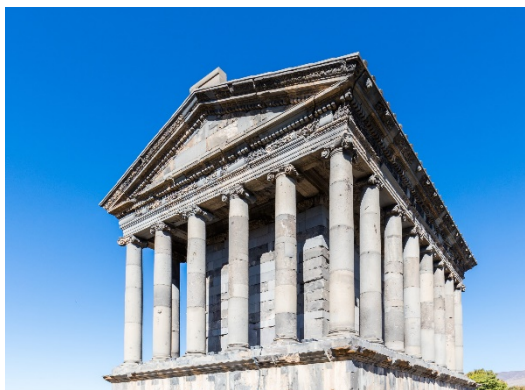
Session Title: **Technology and Innovation Studies**

Chair: **Chengzhi Zhang**

Nº	Paper ID	Authors	Title
1	198	<u>Chenggang Yang, Chengzhi Zhang</u>	Examining the Cognitive Gap Between Authors and Peer Reviewers on Academic Paper Novelty
2	207	<u>Yue Li</u> , Lele Kang, Jiaying Li	Unveiling the Temporal Dynamics: The Impact of Knowledge Source Diversity, Breadth and Depth on Disruptive Innovation through Time-Series Analysis
3	192	<u>Jingyuan Li</u> , Yi Zhao, Jiaqi Zeng, Chengzhi Zhang	Distribution Differences of Knowledge Diversity among Authors in Different Contributor Roles ——Evidence from 101631 PLOS ONE Articles

16:00-21:30 - Garni, Geghard & Welcome Reception

Journey to the enchanting village of **Garni**, home to a stunning 1st-century pagan temple—an architectural gem of pre-Christian Armenia. Explore its rich history before descending into the Garni Gorge to witness the breathtaking Symphony of Stones. Continue to **Geghard Monastery**, a 13th-century masterpiece carved into the cliffs of the Azat River Gorge and a UNESCO World Heritage site. Conclude your day with a delightful reception in Garni, featuring fine wine, local meats, and cheeses.



Tuesday June 25

09:00-09:30 – Price Award Ceremony

YSU Big Conference Hall

09:30-10:00 - Keynote Session

YSU Big Conference Hall

Gunnar Sivertsen - Values and challenges in our field: Interdisciplinarity, scientific collaboration, societal impact, and internationalism

10:00-10:30 - Coffee Break

10:30-12:00

Parallel Session 1

Hall: **Balian**

Session Title: **From Data to Bibliometric Research**

Chair: **Cinzia Daraio**

Nº	Paper ID	Authors	Title
1	204	<u>TsungMing Hsiao</u> , <u>Muh-Chyun Tang</u>	Knowledge Combination and Research Impact: A Comparison of Sources and Keywords Co-Citation
2	343	Xian Zhang, Jiahui Li, <u>Shuying Li</u> , Haiyun Xu	A comparative study on text multi-features mining for patent text clustering
3	226	<u>Liyue Chen</u> , Xiaomin Liu	Harnessing Data Papers: An Analysis of Their Role in Scientific Data Dissemination and Reuse
4	265	<u>Cinzia Daraio</u> , <u>Simone Di Leo</u> , Jacopo Orsini	Digital Twins in Healthcare: state of the art, bibliometric analysis and future perspectives
5	181	<u>Emanuel Kulczycki</u> , Przemysław Korytkowski	Disciplinary identity in the origins of the science of science
6	337	<u>Hui Zhang</u> , Zhe Cao, Ying Huang, Lin Zhang	How China and the United States Fund Artificial Intelligence? Multi-dimensional Characteristics Analysis from the Lifecycle Perspective

Parallel Session 2

Hall: **ISTC**

Session Title: **Science Policy and Evaluation**

Chair: **Domenico Augusto Maisano**

Nº	Paper ID	Authors	Title
1	114	Hamid R. Jamali	Interdisciplinarity, Collaboration and Industry Links in Australian Discovery and Linkage Projects (2023-25)
2	111	<u>Shushanik Sargsyan</u> , Edita Gzoyan, <u>Giovanni Abramo</u> , Ciriaco Andrea D'Angelo	Gender disparities in academic research: A comparative study of Armenia and Italy
3	205	<u>Gulnaz Alibekova</u> , Asselya Makanova	Kazakhstani Scientific Collaboration with Post-Soviet Countries: Dynamics and Impact
4	211	Andrey Lovakov	The impact of Russia-Ukraine conflict on international migration of Russian-affiliated researchers
5	256	Jianjian Gao, <u>Alexander Gates</u>	Country Self-Preference and National Research Systems: A Path to Independence or Isolation?

Parallel Session 3

Hall: **European Studies Center**

Session Title: **Open Science, Open Access and Editorial Impact**

Chair: **Denis Kosyakov**

Nº	Paper ID	Authors	Title
1	202	<u>Xiaojuan Liu</u> , <u>Wei Hu</u> , Xinran Li, <u>Yuntong Xiao</u>	Research on Public Perception of Academic Achievements under Public Health Emergencies
2	259	<u>Jiangbo Li</u> , Shihang Niu, Wenhao Ouyang, Jian Li, Mingyue Zhang	The Trends of Open Access Academic Books and Discipline Dynamics: A Cross-database Comparison Based on OpenAlex and Web of Science
3	323	<u>Roberto Cruz Romero</u> , Stephan Stahlschmidt	Structural and Institutional Determinants of Open Access Publishing: A Macro-Perspective
4	335	<u>Honami Numajiri</u> , Michio Oguro, Takayuki Hayashi	Catalytic Effect of Open Data Platforms: The Case of the Global Biodiversity Information Facility (GBIF)
5	286	Eleonora Dagienė	Exploring Google Books, Open Library, and Wikipedia as sources for book metadata: The UK and Lithuanian cases

Parallel Session 4

Hall: **Ferdowsi**

Session Title: **Micro and Nano Scientometrics**

Chair: **Paul Donner**

Nº	Paper ID	Authors	Title
1	219	<u>Xinyu Deng</u> , Hui Xu, Zihui Li, Huiwen Bai, Lanfeng Ni, <u>Chengzhi Zhang</u>	Gender Differences in Research Methods: Insights from Chinese Humanities and Social Sciences PhD Dissertations
2	358	M. Janina Sarol, <u>Halil Kilicoglu</u>	Investigating Information Propagation in Biomedical Literature through Citations: A Case Study
3	363	Juan Gorraiz	"From Essential to Obsolete? The Evolution of Personal Communications in Academic Research and Citation Practices"
4	177	<u>Paul Donner</u> , Philippe Vincent-Lamarre	Almost always unequal: co-authors' contributions to scientific publications
5	281	<u>Alexandre Clausse</u> , Fidan Badalova, Guillaume Cabanac, Philipp Mayr	Unveiling tortured phrases in Humanities and Social Sciences

12:00-13:00 - Lunch

13:00-14:30

Parallel Session 1

Hall: **Balian**

Session Title: **Science Mapping and Visualization**

Chair: **Eugenio Petrovich**

Nº	Paper ID	Authors	Title
1	252	Chung-Huei Kuan, <u>Szu-Chia Lo</u>	Exploring Scientist's Research Trajectories within a Field with Main Path Analysis
2	136	<u>Carolina Coimbra Vieira</u> , Marisa Vasconcelos	Characterizing Global Gender Gaps in STEM using Facebook data
3	360	Ayush Tripathi, <u>Achal Agrawal</u> , Moumita Koley	A Dashboard to Visualize Retraction Statistics
4	141	<u>Eugenio Petrovich</u> , Edoardo Fazzini, Lorenzo Gandolfi	Mapping the social structure of philosophy of science through large-scale acknowledgments analysis
5	230	<u>Yajie Wang</u> , Haiyan Hou, Alesia Zuccala	Book Authors as Self-Promoters on X (Twitter) and their Information Dissemination Networks

Parallel Session 2

Hall: **ISTC**

Session Title: **Artificial Intelligence – The Gamechanger**

Chair: **Jean-Charles Lamirel**

Nº	Paper ID	Authors	Title
1	184	<u>Linlei Xie</u> , Yi Zhao, <u>Chengzhi Zhang</u>	What Type of Methodological Novelty is More Disruptive? Evidence from Citation Classics
2	309	Sisi Li, <u>Yuxian Liu</u> , Ronald Rousseau, Hongrui Yang, Sanfa Cai, Xiaoyan Zhang	Interdisciplinarity and Artificial Intelligence: a two-dimensional analysis of diversity and cohesion
3	325	Frans van der Sluis, <u>Alesia Zuccala</u> , Haakon Lund	From Search to Recommendation: Using an LLM to Assess the Usefulness of Academic Articles
4	258	<u>Jean-Charles Lamirel</u> , <u>Francis Lareau</u> , Christophe Malaterre	Old but Not Obsolete: Bag-of-Words vs. Embeddings in Topic Modeling
5	206	<u>Andrey Evgenievich Guskov</u> , Denis Viktorovich Kosyakov, Irina Vyacheslavovna Selivanova, Alexandra Valerievna Malysheva	How systematic are the systematic reviews?

Parallel Session 3

Hall: **Ferdowsi**

Session Title: **Micro and Nano Scientometrics**

Chair: **Marc Bertin**

Nº	Paper ID	Authors	Title
1	180	<u>Iana Atanassova</u> , <u>Panggih Kusuma Ningrum</u> , <u>Nicolas Gutehrlé</u> , <u>Francis Lareau</u> , Christophe Malaterre	Is There Life on Mars? Studying the Context of Uncertainty in Astrobiology
2	328	<u>Xiaoling Cheng</u> , Jiajie Wang, Lele Kang	Network Position Matters: Collaborative Strategies, Talent Mobility, and Exploratory Innovation in Teams
3	329	<u>Xinran Zou</u> , Dong Yu, Wu Jiaxin	Exploring Nobel Laureates' Question Selection Characteristics from a Topical Perspective
4	232	<u>Marc Bertin</u> , Julian Alvarez, Thierry Lafouge	Multilingual Citation Context Analysis: A Comparative Study of Human and AI Annotations in Gameplay Bricks Research
5	244	<u>Guo Chen</u> , Yifan Yang	Research on the measurement method of disciplinary diversity based on lexical semantic analysis

Parallel Session 4

Hall: **European Studies Center**

Session Title: **Special Track: Framework for the Responsible use of Assessments and Metrics in Evaluation (FRAME)**

Organizers: **Cinzia Daraio, Juan Gorraiz, Wolfgang Glänzel**

Nº	Paper ID	Authors	Title
1		Cinzia Daraio , Wolfgang Glänzel and Juan Gorraiz	A Responsible Framework for an Appropriate Bibliometric-Based Research Assessment
2		Andrea Bonaccorsi	The new alliance. Bringing together bibliometric and library science for a responsible assessment of research in SSH
3		Ronald Rousseau	Trueblood et al.'s Ideas on Research Evaluation and Implications for Reforming Research Assessment
4		Tim C.E. Engels, Birgit Houben and Pieter Spooren	Responsible research assessment of teams: reflections and perspectives after two evaluation cycles at the University of Antwerp, Belgium
5		Ying Huang, Weishu Liu, Huizhen Fu, Jing Ma, Guijie Zhang, Yi Bu, Chao Min, Zhixiang Wu	Toward Responsible Scientometrics: Normative Data Practices for Research Evaluation
6		Marek Kosmulski	Can scientific papers be unretracted?

14:30-15:00 - Coffee Break

15:00-16:30

Parallel Session 1

Hall: **Balian**

Session Title: **Technology and Innovation Studies**

Chair: **Sujit Bhattacharya**

Nº	Paper ID	Authors	Title
1	338	<u>Hui Zhang</u> , Hui Fu, Ying Huang	Synergy between Science and Technology in University-Industry Innovation Ecosystems: A Cross-national Comparison of Elite Academic Partnerships in China, Germany, and the United States
2	345	<u>Sujit Bhattacharya</u> , Sandhiya Lakshmanan, Lata Kashyap	Influence of Regulation on Research and Technology Maturation: A Bibliometric Investigation of Researchs in Aftertreatment Technology
3	210	Guiyan Ou, <u>Chaocheng He</u> , Jiang Wu	Does Distance Still Matter? The Impact of Geographic Patterns in Scientific Knowledge Sourcing on Invention Value
4	124	<u>Zexia LI</u> , Mingze ZHANG, Lili WANG, Yizhan LI	A Novel Type Collaboration: Global Big Science Facilities Co-utilization.

5	310	<u>Kiran Sharma</u> , Parul Khurana	Self citations in Academic Excellence: Analysis of the Top 1% Highly Cited India-Affiliated Research Papers
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Parallel Session 2

Hall: **ISTC**

Session Title: **From Data to Bibliometric Research**

Chair: **Stephan Stahlschmidt**

Nº	Paper ID	Authors	Title
1	120	<u>Paul Donner</u> , Stephan Stahlschmidt, Robin Haunschild, Lutz Bornmann	Are citation context information stronger related to peer ratings than citation counts? A descriptive analysis
2	146	<u>Sun Mingyue</u> , Yue MingLiang, Peng Wen, Ma Tingcan	Analysis of relationships between paper citations and their category influencing factors: a Bayesian Network with latent variables approach
3	147	<u>Domenico Augusto Maisano</u> , Lucrezia Ferrara, Fiorenzo Franceschini	Impact of Web of Science and Scopus policies on multiple document-type classification
4	334	<u>Peter Aspeslagh</u> , Tim C.E. Engels	Single authorship, national co-authorship, and international co-authorship in the Social Sciences and Humanities: a multi-dimensional analysis of the Flemish case.
5	317	Yizhan Li, <u>Mingze Zhang</u> , Lu Dong, Zexia Li	Mapping and Quantifying the Boundaries in Research Data Sharing based on Data Policy

Parallel Session 3

Hall: **Ferdowsi**

Session Title: **Science Policy and Evaluation**

Chair: **Edita Gzoyan**

Nº	Paper ID	Authors	Title
1	190	<u>Balazs Gyorffy</u> , Boglarka Weltz, Istvan Szabo	Transforming Researcher Evaluation: A New Global Platform to Measure Impact Across Disciplines
2	312	<u>Tindaro Cicero</u> , Marco Malgarini, Marilena Maniaci	Crossing disciplinary Borders: how Italian SSH Journal Rankings address Multidisciplinarity
3	271	<u>Gevorg Kesoyan</u> , <u>Aram Mirzoyan</u> , Simon Hunanyan, Shushanik Sargsyan	Science-policy tendencies in Armenia towards the international collaboration
4	247	<u>Zhe Cao</u> , Lin Zhang, Gunnar Sivertsen, Zhihan Wan	Insiders and outsiders in international scientific collaboration: Distinguishing between investigating and investigated countries
5	275	Alena Igorevna Nefedova, <u>Elizaveta Igorevna Marinina</u>	Exploring the Effects of Migration for Social and Humanity Researchers

Parallel Session 4

Hall: **European Studies Center**

Session Title: **Special Track: Framework for the Responsible use of Assessments and Metrics in Evaluation (FRAME)**

Organizers: **Cinzia Daraio, Juan Gorraiz, Wolfgang Glänzel**

Nº	Paper ID	Authors	Title
1		Gunnar Sivertsen, Lin Zhang and Alex Rushforth	Responsible metrics for the assessment of research organizations
2		Mike Thelwall	Responsible Uses of Large Language Models for Research Evaluation
3		Robin Haunschild and Lutz Bornmann	Mapping national research that targets sustainable development goals: The responsible visualization of OpenAlex data for societal impact measurements of research
4	314	<u>Alessio Vaccari, Cinzia Daraio</u>	Does Evaluating Research Still Need Virtues in the Age of Chat GPT?
5	209	Zenia Xenou, Giulia Malaguarnera, Lottie Provost, <u>Natalia Manola</u>	Towards a Responsible Research Assessment Transition: A Novel Framework for Researcher Profiles
		María Alejandra Tejada-Gómez, Mabel Ayure-Urrego	Ethical and responsible model for the National Science, Technology and Innovation System in Colombia

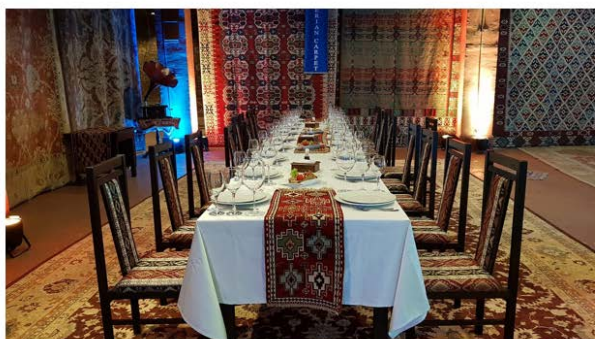
16:30-18:00 - Poster Session

YSU Library Hall

19:00-23:00 - Gala Dinner

Megerian Carpet Restaurant

Address: 9 Madoyan Street, Yerevan 0006



Tuesday June 26

09:00-10:30

Parallel Session 1

Hall: **Balian**

Session Title: **Science Policy and Evaluation**

Chair: **Mu-Hsuan Huang**

Nº	Paper ID	Authors	Title
1	231	David Campbell, Guillaume Roberge, <u>Elisabeth Browning</u>	A Novel Bibliometric Algorithm Unveils the Prevalence and Significance of Gender Match in Research Mentorship Networks
2	235	Giovanni Abramo, Ciriaco Andrea D'Angelo, Emanuela Reale, <u>Antonio Zinilli</u>	The effects of research evaluation: Do researchers' perceptions align with evidence?
3	361	<u>Gabriel Alves Vieira</u> , Jacqueline Leta	Document coverage and citation-based indicators: a comparative case study on the scientific production of the Federal University of Rio de Janeiro recovered by Web of Science, Scopus, Dimensions and Lens
4	293	<u>Tan Fu</u> , Wen Lou	Where did Post-doctors go? A factorized analysis on Chinese Postdoctoral Program for Innovative Talent
5	263	<u>Huei-Ru Dong</u> , Mu-Hsuan Huang	Evaluating the Obsolescence Patterns in Early and Non-Early Publications: The Role of Open Access and Document Type

Parallel Session 2

Hall: **ISTC**

Session Title: **From Data to Bibliometric Research**

Chair: **Dimity Stephen**

Nº	Paper ID	Authors	Title
1	171	<u>Dimity Stephen</u> , Alexander Schniedermann, Andrey Lovakov, Marion Schmidt, Matteo Ottaviani, Nikita Sorgatz, Roberto Cruz Romero, Torger Möller, Valeria Aman, Stephan Stahlschmidts	Implicit reporting standards in bibliometric research: what can reviewers' comments tell us about reporting completeness?
2	161	<u>Kiran Sharma</u> , Parul Khurana	Retracted Citations and Self-citations in Retracted Publications: A Comparative Study of Plagiarism and Fake Peer Review
3	268	Zehra Taşkın, Güleda Doğan, İdris Semih Kaya, Ezgi Uğurlu, Özge Söylemez, Ceren Bilge Seferoğlu, <u>Emanuel Kulczycki</u>	Not All 'Predators' Are the Same: Exploring the Spectrum of Questionable Journals
4	238	<u>Fredrik Niclas Piro</u> , Henrik Karlstrøm, Ida Svege, Dag W. Aksnes	Field differences in external funding: An analysis of funding composition of externally funded publications
5	305	Ruinan Li, Tingcan Ma, Beibei Sun, <u>Yuzhuo Wang</u>	Unraveling the Driving Factors of Team Performance: The Impact of Team Composition and Collaboration Relationships on Project Teams

Parallel Session 3

Hall: **European Studies Center**

Session Title: **Technology and Innovation Studies**

Chair: **Pei-Shan Chi**

Nº	Paper ID	Authors	Title
1	187	<u>Shuai Chen</u> , <u>Chengzhi Zhang</u>	Enhancing Research Idea Generation through Combinatorial Innovation and Multi-Agent Iterative Search Strategies
2	122	<u>Shuying Li</u> , Xian Zhang, Wudan M, Xiaoyu Wang, Chunjiang Liu, Haiyun Xu, Edwin Garces	Exploring Multi-Energy Convergence Through Knowledge Graphs and Patent Bibliometrics
3	213	<u>Anna Abalkina</u> , Alexander Libman, Andrey Zayakin	Regional patterns of plagiarism: evidence from PhD theses in Russia

4	254	Xi Chen, <u>Jin Mao</u> , Gang Li, Xuehua Wu	Will scientific research drive technology to be a hit? A comparison between emerging technological fields and traditional technological fields
5	304	<u>Jinyu Gao</u> , Yi Bu, Sarah Bratt	Distinguishing Types of Scientific Innovation Capacity: Exploring the Patterns and Dynamics of Knowledge Combinations and Impacts on Innovation in Biomedical Literature

10:30-11:00 - Coffee Break

11:00-12:30

Parallel Session 1

Hall: **Balian**

Session Title: **Models and Advanced Informetric Methods**

Chair: **Chaocheng He**

Nº	Paper ID	Authors	Title
1	260	<u>Chaocheng He</u> , Guiyan Ou, Fuzhen Liu, Jiang Wu	Research leadership recommendation in research leading-participating multiplex networks based on Wasserstein Distance
2	349	<u>Thomas Scheidsteger</u> , Robin Haunschild, Lutz Bornmann	How can Citation Context Information Enrich Reference Publication Year Spectroscopy? A Case Study in Quantum Computing
3	220	Prashasti Singh, Vivek Kumar Singh, <u>Abhirup Nandy</u> , Hiran H Lathabai	Boost Formalism- A new framework to assess the impact of collaborations at Institutional Level
4	221	<u>Nataliya Matveeva</u> , Vladimir Batagelj	Structures of authors' collaboration at universities
5	295	<u>Fakhri Momeni</u> , Janete Saldanha Bach, Brigitte Mathiak, Peter Mutschke	Linking Data Citation to Repository Visibility: An Empirical Study

Parallel Session 2

Hall: **ISTC**

Session Title: **Science Policy and Evaluation**

Chair: **Antonio Perianes-Rodríguez**

Nº	Paper ID	Authors	Title
1	110	<u>Antonio Perianes-Rodríguez</u> , Niliek Silva-Alés	Co-funding networks as a new tool in research evaluation: a linked open data-based study of the Seventh Framework Programme projects
2	240	<u>Edita Gzoyan</u> , Aram Mirzoyan, Gevorg Kesoyan, Mariam Yeghikyan, Simon Hunanyan, Shushanik Sargsyan	Scientific Landscape in the South Caucasus: A Comparative Analysis of Armenia, Azerbaijan, and Georgia (2012–2024)
3	330	<u>Laszlo Lorincz</u> , Brigitta Nemeth, Tamas Felfoldi	Gendered collaboration networks and their consequences on conflicts between academics

4	367	<u>Emanuel Kulczycki</u> , Johann Mouton, Didier Torny, Sergio Luiz Monteiro Salles-Filho, Pei-Ying Chen, Noor Jaleel, Juan Rogers, Mathieu Ouimet, Kieron Flanagan, Aditi Ashok, Cassidy R. Sugimoto	Conceptualizing metascience observatories
5	290	<u>Pei-Ying Chen</u> , Tzu-Kun Hsiao, Cassidy R. Sugimoto	Exploring the policy impact and funding mechanisms of scientific collaboration between Taiwan and New Southbound Policy (NSP) priority countries

Parallel Session 3

Hall: **European Studies Center**

Session Title: **Technology and Innovation Studies**

Chair: **Jamal El-Ouahi**

Nº	Paper ID	Authors	Title
1	115	<u>Hongye Zhao</u> , Yi Zhao, <u>Chengzhi Zhang</u>	Exploring Novelty Differences between Industry and Academia: A Knowledge Entity-centric Perspective
2	266	<u>Chao-Chih Hsueh</u> , Dar-Zen Chen	R&D Innovation Patterns and Patent application strategy of Top-Selling Drugs: Insights from Patentometric
3	331	<u>Zhiyu Tao</u> , Shuang Liang, Hanxi Li, Yajing Liu	Quantifying the political attributes of technology for potential bottleneck technologies identification: evidence from Chinese integrated circuits industry
4	101	Jamal El-Ouahi	Examining the Patenting Activities of Universities in the Middle East and North Africa
5	133	Haichen Zhou, Gulín-González Jorge, <u>Yunwei Chen</u>	Application of Molecular Docking Technology in Drug Discovery Based on Bibliometric and Patent Analysis

Parallel Session 4

Hall: **Ferdowsi**

Session Title: **Science Policy and Evaluation**

Chair: **Jiangbo Li**

Nº	Paper ID	Authors	Title
1	176	Parul Khurana, <u>Kiran Sharma</u> , Akshat Nagori, Manya Manya, Mehul Dubey	Quantitative Analysis of IITs' Research Growth and Contributions towards achieving SDGs
2	182	Jesús María Godoy, <u>Yajie Wang</u> , Julián D. Cortés	National Mobility and Career Performance of the Scientific Workforce in Colombia

3	262	<u>Jiangbo Li</u> , Jiake Li, Yingyu Mu, Jian Li	The Interaction between Scientific Research and Policy in The Field of Supply Chain: An Empirical Analysis Based on Overton Data
4	212	Haochuan Cui, <u>Yuzhuo Wang</u> , Kai Li	Beyond Citations: Tracing and Validating the Rapid Adoption of AlphaFold in Biomedical Research Through Full-Text Analysis
5	354	Katerina Guba, Elena Chechik, <u>Angelika Tsivinskaya</u> , Artur Pecherskikh, Nikita Buravoy	Geographies of Underrecognition: Citation Disparities in Russian Studies

12:30-13:30 - Lunch

13:30-15:00

Parallel Session 1

Hall: **Balian**

Session Title: **Models and Advanced Informetric Methods**

Chair: **Philipp Mayr**

Nº	Paper ID	Authors	Title
1	222	<u>Prashasti Singh</u> , Vivek Kumar Singh, <u>Anurag Kanaujia</u> , Abhirup Nandy	Linking Research Publications to SDGs: Exploring the SDG Mapping in Web of Science, Scopus and OpenAlex
2	227	Alysson Fernandes Mazoni, Estevão Fernandes Macedo, <u>Luís Fabiano Farias Borges</u> , Esteban Fernandez Tuesta	A Research Entities Disambiguation Methodology Tested on Brazilian Researchers Database
3	272	<u>Zizuo Cheng</u> , Feicheng Ma	Papers on the main paths are associated with lower disruption
4	320	<u>Xiaoli Chen</u> , Xuezhao Wang	Web Mining the Online Presence of Global Scientific Academies
5	277	<u>Jack H. Culbert</u> , Yoed N. Kenett, Philipp Mayr	Originality in scientific titles and abstracts can predict citation count

Parallel Session 2

Hall: **ISTC**

Session Title: **Artificial Intelligence – The Gamechanger**

Chair: **Robin Haunschild**

Nº	Paper ID	Authors	Title
1	237	<u>Kayvan Kousha</u> , Mike Thelwall	How much are LLMs changing the language of academic papers?

2	239	<u>Mengjia Wu</u> , Yi Zhang, Robin Haunschild, Lutz Bornmann	Leveraging large language models for post-publication peer review: Potential and limitations
3	152	<u>Zhe Cao</u> , Yuanyuan Shang, Lin Zhang, Ying Huang, Gunnar Sivertsen	Role of artificial intelligence in scientific research: Classification framework and empirical insights
4	357	Carolina Coimbra Vieira, <u>Elena Chechik</u> , Victoria Di Césare	Beyond Sentiment Analysis with ChatGPT: Classifying Authors' Perspectives on Russian Topics
5	341	<u>Kathryn O. Weber-Boer</u> , Carlos Areia, Tamarinde Haven	Algorithmically Calculated Mentorship: The Netherlands Validation Study

Parallel Session 3

Hall: **European Studies Center**

Session Title: **Models and Advanced Informetric Methods**

Chair: **Ziya Uddin**

Nº	Paper ID	Authors	Title
1	138	Zheng Ma, <u>Yu Liao</u> , Zhenglu Yu, Hongmei Guo, Ming Cheng	Evaluating the Scholarly Contributions of a Journal by Measuring the Discrepancy in Information Entropy Values Between Factual and Counterfactual Knowledge Systems in the Absence of the Journal
2	186	<u>Xinyue Lu</u> , Li Li, Zhesi Shen	Revisiting the field normalization approaches/practices
3	195	Kiran Sharma, <u>Ziya Uddin</u>	Measuring the continuous research impact of a researcher: The K_z index
4	351	<u>Ai Kishimoto</u> , Takayuki Hayashi	Proposal of INDIRECT X Mentions as an Altmetrics Indicator: Dissemination of Research Papers on X via Web News and Blogs
5	301	<u>Alexey Zheleznov</u> , Ekaterina Dyachenko, Maxim Dmitriev, Katerina Guba	Melting Science: Russian Climate Change Research in the Global Context

15:00-15:30 - Coffee Break

15:30-16:00 - Award Ceremony

YSU Big Conference Hall

16:00-17:00 - Closing Ceremony

YSU Big Conference Hall

17:00-18:00 - ISSI General Assembly (ISSI members only)

Balian hall

Friday June 27

Full Day Excursion

9:00-19:00

Option 1 - **Khor Virap, Noravank, Areni-1 Cave**

Discover the changing landscapes and rich heritage of southern Armenia. Drive through the Ararat Plain to Khor Virap, offering stunning views of biblical Mount Ararat. Continue to Vayots Dzor, Armenia's wine capital, and explore the Areni-1 Cave, home to the world's oldest leather shoe and earliest known winery. Journey through the dramatic Noravank Gorge to visit Noravank Monastery, a 13th–14th-century architectural masterpiece by Momik, set against striking red rock formations. Immerse yourself in the region's history, culture, and breathtaking natural beauty. Spice up your day with wine and delicious dishes, savoring the flavors of Armenian tradition and hospitality.



9:00-18:00

Option 2 - **Sevan, Dilijan, Hovaz Wine Room**

Journey along the shores of Lake Sevan, the Pearl of Armenia, one of the world's largest high-altitude freshwater lakes. Ascend Sevan Peninsula for panoramic views before visiting Sevan Monastery, a masterpiece of medieval Armenian architecture. Continue to Dilijan National Park, known as the Little Switzerland of Armenia, where history and nature blend harmoniously. Explore Goshavank Monastery, founded by scholar Mkhitar Gosh, and admire the exquisite 1291 khachkar by master Pavgos. Stroll through forested paths to Haghartsin Monastery, a 10th–13th century gem of the Bagratuni Dynasty. Conclude with a visit to Sharambeyan Street in Dilijan, where 19th-century houses and artisan studios bring the town's rich heritage to life. Spice up your day with wine and delicious dishes, savoring the flavors of Armenian tradition and hospitality.



9:00-17:00

Option 3 - Etchmiadzin, Zvartnots Cathedral, Maran Winery

Visit Etchmiadzin, the spiritual heart of the country and the seat of the Supreme Patriarch of the Armenian Apostolic Church. Explore the Etchmiadzin Cathedral (UNESCO), originally built in the 4th century and fully restored in 2024, featuring remarkable paintings by the Hovnanian family. Visit the Saint Hripsime Church (618), a masterpiece of early Christian architecture, before continuing to the ruins of Zvartnots Cathedral, renowned for its intricate sculptures and Ionic-style capitals adorned with eagles. Spice up your day with wine and delicious dishes, savoring the flavors of Armenian tradition and hospitality.

