

PROGRAMME

International Symposium on Data Science (DSWS-2023)

- Building an Open Data Collaborative Network in the Asia-Oceania Area

13 December 2023

Science Council of Japan, Tokyo (hybrid type conference)

(Blue Colour; Online Presentations)

(Time; JST = UTC+9h)

Wednesday 13 December 2023

Opening session, Keynote talks (10:00-12:00 JST)

Conveners: *Masaki Kanao, Johnathan Kool, Juanle Wang

10:00–10:40 **Opening addresses** (Chair: Masaki Kanao)

- **Hiroyuki Araki** (Chair of Local Advisory Committee; Director-General, Joint Support-Center for Data Science Research (DS), ROIS) (5')
- **Johnathan Kool** (Chair of International Advisory Committee; Data Center Manager, Australian Antarctic Division) (5')
- **Motoko Kotani** (Chair of the Committee of Science Planning (CSP), Vice President for Science and Society, international Science Council; Tohoku University) (10')
- **David Castle** (Chair of Scientific Committee of World Data System; University of Victoria) (10')
- **Masaki Kanao** (Chair of Local Organizing Committee), outline of symposium & practical information (5')

10:40–10:50 **Coffee break**

10:50–11:50 **Keynote talks** (Chairs: Johnathan Kool, Juanle Wang)

Keynote 1: *Challenges of Open science data governance and China's practice*

Juanle Wang (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) (15'; Keynote.1)

Keynote 2: *Malaysian Open Science Platform (MOSP)*

Noorsaadah Abd Rahman (Malaysian Open Science Alliance) (15'; Keynote.2)

Keynote 3: *GEO Cold Regions Initiative (GEOCRI)*

Yubao Qiu (Aerospace Information Research Institute, Chinese Academy of sciences) (15'; Keynote.3)

Keynote 4: *International Collaborative Data Management – Challenges and Opportunities*

Johnathan Kool (Australian Antarctic Division) (15'; Keynote.4)

11:50–12:05 **Lightning Talks 1 (Poster Sessions)**

12:05–12:15 **Group photo @ SCJ in person & Zoom screen**

12:15–14:00 **Lunch Time**

13:00–14:00 **Core Time 1 (Poster Sessions)**

Poster Sessions

Abstracts will be included in the conference “Programme and Abstracts” online booklet.

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Lightning Talks 1; 11:50-12:05 JST (@Zoom)

Core time 1; 13:00-14:00 JST (@Spatial Chat)

(Chairs: Toshihiko Iyemori, Susumu Goto)

- *Advancing Data Stewardship: Join the World Data System and Contribute to Scientific Data Excellence*
Vincent Bernabeo & Meredith Goins (World Data System International Program Office) (S1-P.1)
- *Building the Web Site of the WDS Asia-Oceania network*
Takashi Watanabe (National Institute of Information and Communications Technology) (S1-P.2)
- *Data and metadata sharing among Asian countries*
Masaki Kanao (Joint Support-Center for Data Science Research (DS), ROIS) (S1-P.3)
- *Concept of NIES Environmental Research Hub: A Data Infrastructure to support/promote Environmental Research*
Tomoko Shirai (National Institute for Environmental Studies) (S1-P.4)
- *Survey for policy of research data openness in South Korean government-funded research institutes*
Jung-Ho Um & Mi-Nyeong Hwang
(Korea Institute of Science and Technology Information) (S2-P.1)
- *Challenges of Open Research Data in Indonesia: Case Study National Scientific Repository*
Seno Yudhanto (National Research and Innovation Agency, Indonesia) (S2-P.2)
- *MosquitoDB: A comprehensive-electronically-based entomological surveillance system for the control and elimination of mosquito-borne diseases*
Victor Mero & Janice Maige (Ifakara Health Institute, Environmental Health, and Ecological Sciences Department, Tanzania) (S2-P.3)
- *Further improve accessibility of JAMSTEC research data - DOI assignments to cruise reports -*
Ayumi Sumikawa (Japan Agency for Marine-Earth Science and Technology) (S2-P.4)
- *Scientometric Analysis and Mapping of Research Publications of Central University of Gujarat*
Kotrayya Agadi (Central University of Gujarat, Gandhinagar, India) (S2-P.5)
- *Indian Language Open Educational Resources for the Implementation of the National Education Policy 2020: A Comprehensive Evaluation*
Kotrayya Agadi (Central University of Gujarat, Gandhinagar, India) (S2-P.6)
- *Effects of information on behavioral change during Covid-19 pandemic: An International comparative study between Japan, UK, and Taiwan*
Naoko Kato-Nitta (J.F. Oberlin University, ROIS-DS and The Institute of Statistical Mathematics) (S3-P.1)

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Session 1: Challenges of data systems and networks (14:00-15:30 JST)

Conveners: *Johnathan Kool, Toshihiko Iyemori, Chantelle Verhey, Susumu Goto, Jens Klump, Takashi Watanabe, Jung-Ho Um, Masaki Kanao

14:00– 15:30 (Chairs: Chantelle Verhey, Jens Klump, Jung-Ho Um)

- *Modernisation of the AuScope Virtual Research Environment – Design and lessons learnt*
Jens Klump (Mineral Resources, Commonwealth Scientific and Industrial Research Organization) (15'; S1.1)
- *DataON: platform for discovery and analysis of research data*
Jung-Ho Um & SeungBock Lee (Korea Institute of Science and Technology Information) (15'; S1.2)
- *Enhancing Social Science Research in East Asia: An Introduction to SRDA and NASSDA*
Pei-shan Liao (Research Center for Humanities and Social Sciences, Academia Sinica, Taiwan) (15'; S1.3)
- *BigFlow: The End-to-End Workflow Framework for Cross-Center Scientific Data Analysis*
Xiaojie Zhu (Computer network Information Center, Chinese Academy of Sciences) (15'; S1.4)
- *Polar data Discovery and Mobilization Pathways*
Chantelle Verhey (WDS-International Technology Office) (15'; S1.5)

Discussion (15')

15:30–16:00 **Break**

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Session 2: Open Science and the FAIR Principles: Why, what, and how (16:00-17:30 JST)

Conveners: *Rorie Edmunds, Estelle Cheng, Hideaki Takeda, Kazuhiro Hayashi, Toshihiro Ashino

16:00—17:30 (Chairs: Rorie Edmunds, Estelle Cheng)

- *You Can't Make Science Open Without Committing to PIDs*
Estelle Cheng (ORCID)
Rorie Edmunds (DataCite) (15'; S2.1)
- *Open Science and FAIR Principles in Indonesia*
Hermin Triasih & Seno Yudhanto (National Research and Innovation Agency, Indonesia) (12'; S2.2)
- *IRINS: Building FAIR Research information System in India*
Kannan Palavesam (Information and Library Network Centre, India) (12'; S2.3)
- *An Advanced identifier architecture for enabling FAIR principle: Global Open Identifier*
Jia Liu (Computer Network Information Center, Chinese Academy of Sciences) (12'; S2.4)
- *Open Science Policy Development in Japan: Importance of an intermediate sector balancing between Top-down and Bottom-up*

Kazuhiro Hayashi (National Institute of Science and Technology Policy, Japan) (12'; S2.5)

- *Making FAIR Scale*

Erik Schultes (GO FAIR Foundation & Leiden Academic Center for Drug Research) (12'; S2.6)

Discussion (15')