

International Workshop on Sharing, Citation and Publication of Scientific Data across Disciplines

Joint Support-Center for Data Science Research (DS), Tokyo
 5–7 December 2017

PROGRAMME

Monday 4 December @ Multi-Purpose Meeting Room (1F, DS)

16:00–18:00 Registration

18:30–20:30 Icebreaker (@ restaurant nearby DS)

Tuesday 5 December @ Lecture Room (4F, NIPR)

09:00–10:00 Registration

10:00–10:30 Opening Remarks

- **Ryoichi Fujii** (President, Research Organization of Information and Systems (ROIS))
- **Asao Fujiyama** (Director-General, Joint Support-Center for Data Science Research (DS), ROIS)
- **Takuji Nakamura** (Director-General, National Institute of Polar Research, ROIS)
- **Akira Kadokura** (Director, Polar Environment Data Science Center, DS, ROIS)
- **Masaki Kanao** (LOC Chair), agenda of workshop & practical information

10:30–12:30 **Session 1: Data Center - Best Practise & Activity** (Session chair: Akira Kadokura)

Keynote: *Understanding and Building the Arctic Data System for Research, Monitoring and Societal Benefit*

Peter Pulsifer (National Snow and Ice Data Center, University of Colorado) (30')

- *Magnetic Data at WDC Kyoto—Services under International Collaborations*
Toshihiko Iyemori (Data Analysis Center for Geomagnetism, Kyoto University) (20')
- *Marine and Earth Informatics, JAMSTEC Center*
Seiji Tsuboi (Japan Agency for Marine-Earth Science and Technology) (20')
- *Sharing real business purpose datasets for academic research*
Keizo Oyama (National Institute of Informatics, ROIS) (20')

12:30–14:00 Lunch

14:00–15:50 **Session 2: Database, Data System - Network & Administration** (Session chair: Seiji Tsuboi)

Keynote: *FAIRsharing - describing and connecting standards, databases and policies across disciplines*

Peter McQuilton (Oxford e-Research Centre, University of Oxford) (30')

- *Life science database integration based on semantic web technology*
Susumu Goto (Database Center for Life Science, DS, ROIS) (20')
- *Outline of the Arctic Data Archive System (ADS)*
Hironori Yabuki (Polar Environment Data Science Center, DS, ROIS) (20')

- *Development of Research Data Management Service for Open Science in Japan*
Yusuke Komiyama (National Institute of Informatics, ROIS) (20')
- *about PANSY Data and Science (TBD)*
Koji Nishimura (Polar Environment Data Science Center, DS, ROIS) (20')

15:50–16:20 **Coffee Break**

16:20–18:10 **Session 3: Data Sharing & Inter-Operability** (Session chair: Susumu Goto)

Keynote: *The Antarctic Master Directory, sharing Antarctic (meta)data from multiple disciplines*

Anton Van de Putte (Royal Belgian Institute for Natural Science) (30')

- *Inter-University Upper Atmosphere Global Observation Network (IUGONET) Metadata Database*
Yoshimasa Tanaka (Polar Environment Data Science Center, DS, ROIS) (20')
- *Data Sharing at the National Research Institute for Earth Science and Disaster Resilience*
Katsuhiko Shiomi (National Research Institute for Earth Science and Disaster Resilience) (20')
- *Development of Data Sharing and Archiving in International Relations*
Kiyohisa Shibai (Social Data Structuring Center, DS, ROIS) (20')

Discussion (20')

- **Facilitator: Rorie Edmunds** (International Program Office, ICSU World Data System)

18:30–20:30 **Workshop Reception (@1F floor of DS building)**

Wednesday 6 December @ Multi-Purpose Meeting Room (2F, NINJAL)

09:30–11:00 **Session 4: Data Citation & Data Publication** (Session chair: Hironori Yabuki)

Keynote: *about topics on Data Citation and Data Publication (TBD)*

Jens Klump (Mineral Resources, CSIRO in Australia) (30')

- *Data Citation at WDC for Geomagnetism, Kyoto University*
Masahito Nose (Data Analysis Center for Geomagnetism, Kyoto University) (20')
- *Data Citation Procedure on Science Database of Polar Research*
Masaki Kanao (Polar Environment Data Science Center, DS, ROIS) (20')
- *The Polar Data Catalogue: Best Practices for Sharing and Archiving Canada's Polar Data*
Julie Friddell (Polar Data Catalogue in Canada) (20') (by Skype)

11:00–11:30 **Coffee Break**

11:30–12:30 **Session 5: Data Journal - Best Practise** (Session chair: Shinya Nakano)

- *JAMSTEC Report of Research and Development*
Daisuke Suetsugu (Japan Agency for Marine-Earth Science and Technology) (20')
- *Activities of Polar Environment Data Science Center and introduction on "Polar Data Journal"*
Akira Kadokura (Polar Environment Data Science Center, DS, ROIS) (20')
- *Polar Science and Data Journal by "Elsevier Publisher"*
Takeshi Yamanouchi (National Institute of Polar Research, ROIS)
and Emilie Wang (Elsevier Beijing) (20')

12:30–14:00 **Lunch (+ Poster session)**

14:00–16:10 **Session 6: Future of Data Sharing, Citation & Publication across Disciplines**

(Session chair: Mustapha Mokrane, Yoshimasa Tanaka)

Keynote: *CCADI: The Canadian Cosortium for Arctic Data Interoperability*

Shannon Vossepoel (University of Calgary) (30')

- *Emerging domain agnostic functionalities on the handle-centered networks*
Kei Kurakawa (National Institute of Informatics, ROIS) (20')
- *Support Project for Data Fusion Computation: Current status and future prospects*
Shinya Nakano (The Institute of Statistical Mathematics, ROIS) (20')
- *The present situation of open data usage in the social sciences and its problems to be solved*
Yusuke Inagaki (Social Data Structuring Center, DS, ROIS) (20')
- *Open Data in the Humanities: Data Sharing and Publication for Triadic Co-Creation*
Asanobu Kitamoto (Center for Open Data in the Humanities, DS, ROIS) (20')

Discussion (20')

- **Facilitator: Yasuhiro Murayama** (National Institute of Information and Communications Technology)

16:30–18:00 **"Polar Data Journal" Editorial Board + Advisory Board Members' meeting (closed only)**
@ Multi-Purpose Meeting Room (1F, DS)

18:30–20:30 **Workshop Banquet (@Tachikawa Grand Hotel)**

Thursday 7 December @ Multi-Purpose Meeting Room (2F, NINJAL)

09:30–11:00 **Session 7a: Toward Inter-Disciplinary Data Sharing & Publication** (Session chair: Asanobu Kitamoto)

Keynote: *Strengthening International Data Sharing Networks*

Mustapha Mokrane (30') (International Program Office, ICSU World Data System)

- *Vocabulary Broker application connecting data, information and literature across various scientific domains*
Bernd Ritschel (University of Applied Sciences Potsdam) (20')
- *Recent Trends of Open Publication and Policy Development for Open Science toward Inter-Disciplinary Data Sharing & Publication*
Kazuhiro Hayashi (National Institute of Science and Technology Policy) (20')
- *Data and Metadata Management at DIAS: Toward More Open Earth Environmental Information Platform*
Toshiyuki Shimizu (Kyoto University) (20')

11:00–11:30 **Coffee Break**

11:30–12:30 **Session 7b: Toward Inter-Disciplinary Data Sharing & Publication** (Session chair: Masaki Kanao)

- *Building Trust in Scientific Data: Certification & the CoreTrustSeal*
Rorie Edmunds (International Program Office, ICSU World Data System) (20')
- *Interdisciplinary Online Data Sharing Service on ADS*
Takeshi Sugimura (International Arctic Environment Research Center, NIPR, ROIS) (20')
- *Toward An Open Science Ecosystem Including Sharing, Citing and Publishing Research Data*
Yasuhiro Murayama (National Institute of Information and Communications Technology) (20')

Closing of Workshop

12:30–14:00 **Lunch**

afternoon **Free Time** (Participate to 8th NIPR Annual Symposium, etc.)

18:30–20:30 **DS Town Hall Meeting (@ Restaurant nearby Tachikawa JR Station)**

Poster Presentation

Core Time; Wednesday 6 December 12:30–14:00

- *"Standing Committee on Antarctic Data Management (SCADM)"*
Anton Van de Putte (Royal Belgian Institute for Natural Science)
- *"Antarctic Biodiversity Portal"*
Anton Van de Putte (Royal Belgian Institute for Natural Science)
- *Inter-University Upper Atmosphere Global Observation Network (IUGONET)*
Yoshimasa Tanaka (Polar Environment Data Science Center, DS, ROIS)
- *Antarctic rock samples database: current status and future perspectives*
Tomokazu Hokada (Polar Science Resources Center, NIPR, ROIS)
- *"Polar Data Journal" ; A new data publishing platform for polar science*
Yasuyuki Minamiyama (Library, National Institute of Polar Research, ROIS)
- *Possibility and prevention of data tampering in the referee process of data journal*
Takeshi Terui (International Arctic Environment Research Center, NIPR, ROIS)

Friday 8 December @ Seminar Room (3F, NIPR)

09:30–12:00 Inter-Disciplinary session on "**Polar Data Science**" of the 8th NIPR Annual Symposium

13:30–16:00 Inter-Disciplinary session on "**Polar Data Science**" of the 8th NIPR Annual Symposium

Abbreviation & Location-Access URL:

DS : [Joint Support-Center for Data Science Research](#)

NIPR: [National Institute of Polar Research](#)

NINJAL: [National Institute for Japanese Language and Linguistics](#)

