Digital Frontiers of Global Science

Frontier issues for research in a global and digital age.

Applications, progress and challenges of data intensive research.

Data infrastructure and enabling practices for international and collaborative research.

Data, development and innovation: data as an interface between research, industry, government, society and development.

Themes: research and data; data science and data analysis; data stewardship; policy and practice of data in research; education and data; data, society, ethics and politics; open data, innovation and development; data and cybersecurity
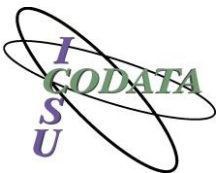
SciDataCon part of International Data Week

- SciDataCon aims to help this community ensure that it has a concrete scientific record of its work: **peer reviewed abstracts > presentations > Special Collection in the Data Science Journal.**

- Themes and Scope: see https://www.scidatacon.org/conference/IDW2018/conference_themes_and_scope/

- Approved Sessions: https://www.scidatacon.org/conference/IDW2018/approved_sessions/

- Incredibly rich range of topics. **If you do not find a topic there you can submit an abstract to the general submissions.**

- Abstracts can be submitted to **Approved Sessions** or to **General Submissions**. Will be peer reviewed and distributed into the programme.

- Abstracts for presentations and lightning talks/posters.

- **Deadline is 25 June: https://www.scidatacon.org/conference/IDW2018/call_for_papers/**

170+ Submitted , **65** Accepted, ~45% Developing Countries Relevant Themes

Approved Sessions

The sessions listed below are approved. However, please note that these will form part of the final programme only if a sufficient number of high quality abstracts are received. You can submit Abstracts for Papers and Posters here: https://www.scidatacon.org/IDW2018/submit/

ID	Session Title	Owner	Description
124	Skills-development in an increasingly data-driven science environment: an African perspective	Ina Smith	👁 View details
125	Metadata for 2020 and Beyond: Collaborative approaches to advancing metadata	Clare Dean	👁 View details
127	Designing inclusive capacity development for those engaging with Agriculture and Nutrition data	Alan Stanley	👁 View details
129	Issues and best practices for data stewardship: recommendations for African countries and institutions	Kgomotso Moahi	👁 View details
131	Open data, open science in Agriculture and Nutrition a Case for Developing Countries	Irene Wambui Kimani	👁 View details
133	Frameworks for Agricultural Data Production and Education in Africa - The Role of the Data Revolution	Kiringai Kamau	👁 View details
135	Agriculture Data and Citizens in the African Open Research Data Space	Boniface Okelo Akuku	👁 View details
136	The Role of the Marginalised in Open Data Driven Innovation.	Obwaya Mogire	👁 View details
137	Visualization and Pattern Recognition Techniques for Understanding Data	Wafula Muliaro	👁 View details
139	Data for Effective Humanitarian Decision-Making: Challenges and Opportunities	Tefera Darge Delbiso	👁 View details

The Research Data Alliance in a Nutshell

What?

RDA is an international organization focused on the development of infrastructure and community activities that reduce barriers to data sharing and exchange, and the acceleration of data driven innovation worldwide.

Who?

With more than **7,000 members** globally representing more than **135 countries**,
RDA includes data science professionals from multiple disciplines, including but
not limited to academia, library sciences, earth science, astronomy and meteorology.
***Any individual or organization**, regardless of profession or discipline, with an interest in reducing the barriers to data sharing and
exchange **can join*** at **https://rd-alliance.org/get-involved.html**

Why?

*Members come together through **self-formed, volunteer, focussed Working Groups (WGs), exploratory Interest Groups (IGs)** to exchange knowledge, share discoveries, discuss barriers and potential solutions, explore and define policies and test as well as harmonise standards to enhance and facilitate global data sharing.*
RDA offers a platform to:
❑ Contribute to an exciting and global discussion on removing the barriers to data sharing
❑ Contribute to and adopt the practical development of concrete solutions
❑ Access an extraordinary network of colleagues with a broad expertise in data-driven innovation
❑ Enhance the quality and effectiveness of your research & work

How?

Join RDA. It's free. Become a member and subscribe to RDA Guiding Principles:
https://rd-alliance.org/user/register
Join the RDA WGs & Igs, follow the activites , contribute, respond to Request for Comments and attend the Plenary Meetings
https://rd-alliance.org/

@resdatall | www.rd-alliance.org

RDA Recommendations that make data work

"Create - Adopt - Use"

✓ Adopted code, policy, specifications, standards, or practices that enable data sharing

✓ "Harvestable" efforts for which 12-18 months of work can eliminate a roadblock

✓ Efforts that have substantive applicability to groups within the data community but may not apply to all

✓ Efforts that can start today

RDA Guiding Principles

Openness

Consensus

Balance

Harmonization

Community Driven

Non-profit

RDA Plenary Meetings are

- ✓ exciting and productive events

- ✓ bring together a unique community of data scientists, librarians, computer scientists, and domain scientists.

- ✓ special working events that move the research data expert community forward in creating tangible deliverables that improve data sharing across disciplines, technologies, and countries.

RDA Call for Breakout Sessions (Deadline 29 June 2018)
APPLY NOW - https://www.rd-alliance.org/12th-plenary-meeting-call-sessions
There will be 7 parallel sessions for the Research Data Alliance Plenary Meeting covering:
- ✓ Working and/or Interest Group sessions
- ✓ Joint meetings
- ✓ Birds of a Feather (BoF) sessions

INTERNATIONAL DATA WEEK
IDW 2018

Gaborone, Botswana: 5-8 November 2018
http://internationaldataweek.org/