

SciDataCon 2016

Advancing the Frontiers of Data in Research
11–13 September, Denver, Colorado, USA

Monday, 25 January 2016

Subject: Call for SciDataCon 2016 Programme Committee candidates

Dear Colleagues,

Convened by the Committee on Data for Science and Technology (CODATA) and the World Data System (WDS), interdisciplinary bodies of the International Council for Science (ICSU), [SciDataCon 2016](#) is a scientific research conference that will **advance the frontiers of data in research**. This means addressing a range of fundamental and urgent issues around the 'Data Revolution' and the recent data-driven transformation of research and the responses to these issues in the conduct of research. SciDataCon will feature scientific and practice papers, lightning talks, and panel discussions from a wide range of perspectives. The scope is explicitly broad and inclusive, addressing all aspects of the role of data in research.

SciDataCon 2016 is motivated by the conviction that the most significant contemporary research challenges—and in particular those reaching across traditional disciplines—cannot be properly addressed without paying attention to issues relating to data. These issues include policy frameworks, data quality and interoperability, long-term stewardship of data, and the research skills, technologies, and infrastructures required by increasingly data-intensive research. They also include frontier challenges for data science: for example, fundamental research questions relating to data integration, analysis of complex systems and models, epistemology and ethics in relation to Big Data, and so on.

The transformative effect of the data revolution needs to be examined from the perspective of all fields of research and its relationship to broader societal developments and to data-driven innovation scrutinised. Taken together these issues form a multi-faceted challenge which cannot be tackled without expertise drawn from many disciplines and diverse roles in the research enterprise. Furthermore, the transformations around data in research are essentially international and the response must be genuinely global. SciDataCon is the international conference for research into these issues.

SciDataCon2016 will take place at on 11-13 September 2016 at the Sheraton Denver Downtown Hotel, Denver, Colorado, USA. It is part of [International Data Week](#), 11-16 September 2016, convened by CODATA, the WDS and the Research Data Alliance. Please see below for further information.

The Programme Committee of SciDataCon 2016 will play a key role in shaping the scientific programme of the conference. We are pleased to invite applications for expert members of the **Programme Committee**. Please submit applications no **later than 7 February 2016** using the [online form available here](#).

Yours sincerely,

Geoffrey Boulton
President, CODATA



Sandy Harrison
Chair, ICSU World Data System

