

Promoting Open Science and Quality in Research. Examples of Good Practice and their Theoretical Background

Lecture Series in the winter semester 2022-23, jointly organized by the Berlin University Alliance's Objective 3 – Advancing Research Quality and Value, Humboldt-Universität zu Berlin and the Robert K. Merton Center for Science Studies.

The lecture series starts on October, 17, 2022 and takes place every Monday from 2 to 4 p.m. CET. Lectures are held in person (Humboldt-Universität zu Berlin) or in a hybrid format. Please check the program for details on the mode of session and also see the [website of the Objective 3 – Advancing Research Quality and Value of the Berlin University Alliance](#) for further announcements.

Venue

Link for sessions in digital or hybrid format:

<https://hu-berlin.zoom.us/j/69414265610>

Meeting ID: 694 1426 5610

One tap mobile

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Abstract:

Not only since the pandemic has there been a consensus in science and society that research must meet the highest scientific standards. Science should produce valid research results and inform society and politics. This results in a whole range of requirements for modern "good" science. At the same time, the understanding of what constitutes good science can vary. Accessibility and transparency, traceability and verifiability, interdisciplinarity, and inclusion of non-academic actors are widely accepted as general characteristics in this context. How these criteria can be implemented in each specific field, on the other hand, is not always clear. While the question of sustainable improvement of research quality and the implementation of measures within the framework of the Open Science movement is already extensively discussed in some disciplines and good practice examples already exist in large numbers (e.g., in the life sciences), concrete recommendations for action in other disciplines can be searched for in vain (e.g., humanities). The variance of the different disciplines, the demand for more uniform standards in science and the related problems will be discussed in this event with different international speakers. The theoretical discussion will be framed by concrete "good practice" examples from different disciplines.

The lecture is aimed at students of the MA program in Science Studies at Humboldt-Universität zu Berlin and is open to Master's and PhD students of all disciplines and institutions of the Berlin University Alliance. The event is also open to an interested (professional) audience. Sessions of the lecture series are held in German and English.

Program

Session	Topic	Speakers	Format
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17.10.2022 2 to 4 p.m. CET	Opening of the lecture series, presentation of the concept, introduction of the content	Opening by Prof. Dr. Günter M. Ziegler, President of Freie Universität Berlin Speaker: Prof. Dr. Martin Reinhart, Humboldt-Universität zu Berlin	Hybrid
24.10.2022 14-16 Uhr	How Registered Reports can lead to better science and less stress (Session is held in English)	Speaker: Prof. Dr. Dorothy Bishop, University of Oxford / England Discussant: Prof. Dr. Ulrich Dirnagl, Berlin Institute of Health@Charité	Online
31.10.2022 14-16 Uhr	Standards in research - quality assurance measure or restriction of research practice?	Speakers: Dr. Felicitas Heßelmann and Sheena Bartscherer, MA, both Humboldt-Universität zu Berlin Discussant: Prof. Dr. i.R. Stefan Hornbostel, Humboldt-Universität zu Berlin	Hybrid - cancelled
07.11.2022 14-16 Uhr	Research quality and standards in the humanities	Speaker: Prof. Dr. Beatrice Gründler, Freie Universität Berlin Discussant: Prof. Dr. em. Verena Klemm, Universität Leipzig	Online
14.11.2022 14-16 Uhr	Berlin Science Survey: The perspectives of scientists in the discussion about research quality and Open Science	Speakers: Dr. Jens Ambrasat and Dr. Denise Lüdtke, both Humboldt-Universität zu Berlin Discussants: Maxi Kindling, M.A., Dr. Maike Neufend, both Freie Universität Berlin	Hybrid
21.11.2022 14-16 Uhr	Open Source Hardware – Fields of application in the engineering sciences	Speaker: Dr. Robert Mies, Technische Universität Berlin Discussant: Prof. Dr. Michelle Christensen, Technische Universität Berlin	Hybrid
28.11.2022 14-16 Uhr	Good practice for safeguarding research quality in the qualitative empirical social sciences	Speaker: Prof. Dr. Jörg Strübing, Universität Tübingen Discussant: Dr. Alex Fenton, German Center for Higher Education and Science Studies	Hybrid
05.12.2022 14-16 Uhr	Systematic, transparent, and community-based assessment and quality control of research data (Session is held in English)	Speaker: Prof. Dr. Gustav Nilsson, Karolinska Institute Stockholm / Schweden Discussant: Sibylle Söring, Freie Universität Berlin	Hybrid
12.12.2022 14-16 Uhr	Academic Freedom and Open Science (Session is held in English)	Speaker: Prof. Dr. Fernanda Beigel, National University of Cuyo / Argentinien Discussant: Dr. Ertuğ Tomuş, Humboldt-Universität zu Berlin	Hybrid

19.12.2022	Christmas Break		
02.01.2023 14-16 Uhr	Synthesis /“Reading“ Session	Prof. Dr. Martin Reinhart & Dr. Stefan Skupien	Hybrid
09.01.2023 14-16 Uhr	How can "good research" be evaluated? On the current discussion about the reform of research assessment. (Session is held in English)	Speaker: Prof. Dr. Stephen Curry, Imperial College London / England Discussant: Marta Sienkiewicz, M.A. CWTS, Leiden University / Niederlande	Hybrid
16.01.2023 14-16 Uhr	Data-Feminism In cooperation with the Weizenbaum Institute for the Networked Society (Session is held in German and English)	Speaker: Katharina Mosene, M.A., Leibniz-Institut für Medienforschung Discussant: Dr. Bianca Herlo (UdK/Weizenbaum Institute) and Sana Ahmad (Weizenbaum Institute)	Digital
23.01.2023 14-16 Uhr	Legal issues in Open Science	Speaker: Dr. Till Kreutzer, iRights, Hamburg Discussant: Felix Reda Gesellschaft für Freiheitsrechte e.V.	Digital
30.01.2023 14-16 Uhr	Diamond Open Access – Where is science communication heading?	Panel discussion - Speakers: Dr. Christina Riesenweber, Freie Universität Berlin Dr. Benedict Fecher, HIIG Berlin Dr. Astrid Säger, Deutsche Forschungsgemeinschaft	Digital
06.02.2023 14-16 Uhr	Strategic openness and open innovation	Speaker: Dr. Gergana Romanova, University of Copenhagen Discussant: Marte Sybil Kessler, Stifterverband	Digital
13.02.2023 14-16 Uhr	Closing session: achievements, goals and new directions for research quality and open science in the Berlin Research Area Attention! The closing session will not take place as planned. The topic will be taken up as part of the discussions in the Objective 3 colloquium.	Speakers:	Digital