OPEN
INNOVATION
IN
SCIENCE

OIS research conference

LUDWIG
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GESELLSCHAFT
Open Innovation in Science Center

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CERN
Idea^s

HYBRID
CONFERENCE
@
**CERN
IdeaSquare**

**2022
May 11–13**

Geneva
Switzerland

**Conference
Program**

Day 1: Wednesday, May 11, 11:00 – 19:00

11:00 – 12:30 Arriving at conference venue, virtual getting-ready, and light lunch
12:30 – 13:00 Conference opening by Marion Poetz and Markus Nordberg
13:00 – 14:15 Paper session 1: Open data and infrastructure sharing
14:30 – 15:50 Paper session 2: Linkages between science and industry
16:15 – 17:15 Keynote (Dashun Wang) and moderated Q&A
17:15 – 19:00 OIS cases & applications and flying snacks

Day 2: Thursday, May 12, 08:30 – 23:00

08:30 – 11:15 Visit CERN Antimatter facility
11:30 – 13:00 Welcome Day 2 and parallel paper session
Paper session 3: Crowds, citizens, and AI in science
Paper session 4: Inter- and transdisciplinary research collaborations
13:00 – 13:45 Lunch
13:45 – 16:15 OIS experimentation session: engage and reflect on using AI tools for enhancing openness and collaboration in science
16:45 – 18:15 OIS Debate (with Kevin Crowston, James Evans, Hila Lifshitz-Assaf, and Anita Schjøll Brede. Moderated by Henry Sauermann)
19:30 – 23:00 Conference dinner The Living Room @ Ritz-Carlton

Day 3: Friday, May 13, 09:00 – 13:00

09:00 – 10:30 Welcome Day 3 and Paper Session 5: Networks within and beyond academia
11:00 – 12:30 Parallel paper session
Paper session 6: Perspectives on crowdsourcing in science
Paper session 7: Institutional perspectives on openness and collaboration
12:30 – 13:00 Conference closing and light lunch

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More detailed:
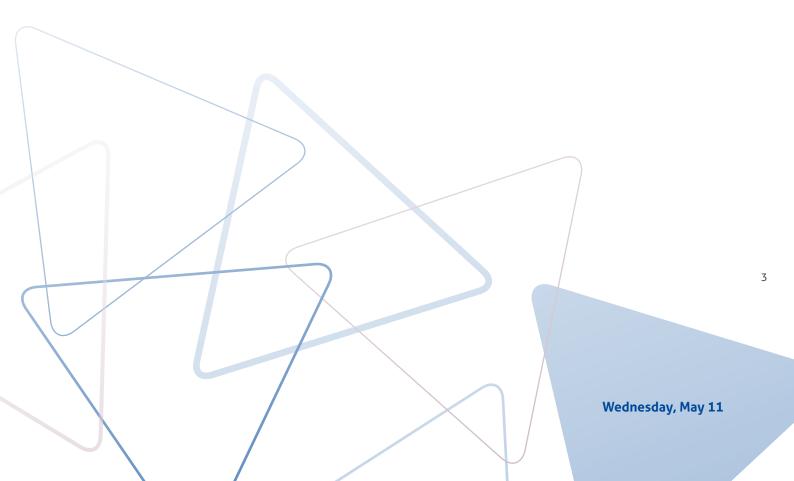
Wednesday, May 11

11:00 to 12:30
Arriving at conference venue, virtual getting-ready, and light lunch

While optional, it is a great opportunity to see who else is there, say hello to dear colleagues and friends, meet new people, check your device settings if you are joining online, and register your device if you are joining in-person. The conference will start at 12:30 sharp.

12:30 to 13:00
Conference opening

Marion Poetz (Copenhagen Business School & LBG OIS Center)
Markus Nordberg (CERN IdeaSquare)

Paper session 1:
Open data and infrastructure sharing
Main area

13:00 to 14:15

Paper 1

Responding to unavoidable challenges: Balancing GDPR and openness in the research commons
Leighann Kimble (Vrije Universiteit Amsterdam)

Paper 2

Safe crossings: The role of scientific support occupations in attenuating secrecy in core facilities
Danielle Bovenberg (UC Santa Barbara)

Paper 3

Biological repositories: Feeding a virtuous cycle of inter-institutional research co-creation
Carolin Haeussler (University of Passau)
Fabian Hans (University of Passau)
Riold Furtuna (University of Passau)
Samantha Zyontz (Stanford Law School)

Discussants
Gaétan de Rassenfosse (EPFL Lausanne)
Benedikt Fecher (Alexander von Humboldt Institute for Internet and Society)

Chair
Susanne Beck (LBG OIS Center & Copenhagen Business School)

Provide your comments to the speakers in this online feedback document:
https://bit.ly/3OSL4kQ

Paper session 2:
Linkages between science and industry
Main area

14:30 to 15:50

Paper 4

Structure and dynamics of regional research landscape

Indira Yarullina (Friedrich Schiller University Jena)

Paper 5

Openness in Industry-Science collaborations: An assessment of contractual provisions

Christoph Grimpe (Copenhagen Business School)

Knut J. Egelie (NTNU Technology Transfer AS)

Haakon Thue Lie (Norwegian University of Science and Technology (NTNU))

Roger Sørheim (Norwegian University of Science and Technology (NTNU))

Paper 6

Addressing complex problems through industry-academic collaboration: A temporal perspective on scientific knowledge production

Susan Hilbolling (Aarhus University)

Pernille Smith (Aarhus University)

Paper 7

The potential impact of Open Science Partnerships on scientific research and its uptake in industry

Maria-Theresa Norn (Aarhus University)

Irene Ramos-Vielba (Aarhus University)

Louise Isgaard Saugstrup (Aarhus University)

Massimo Graae Losinno (Aarhus University)

Thomas Kjeldager Ryan (Aarhus University)

Carter Walter Bloch (Aarhus University)

Discussants

Katrin Hussinger (University of Luxemburg)

Martin Wörter (ETH Zürich)

Chair

Henry Sauermann (ESMT Berlin)

Provide your comments to the speakers in this online feedback document:
https://bit.ly/3MLtKws

16:15 to 17:15
Keynote and moderated Q&A

Dashun Wang (Northwestern University)

17:15 to 19:00
OIS cases & applications

Project 1:
Converging responsible research and innovation and crowdsourcing in prospective cohort studies (JoinUs4Health)
Birgit Schauer, Ana Barbosa Mendes, Andrea Camila Diaz Perez, Pawel Sowa, Natalie Terzikhan, Lukasz Kiszkiel, Silvan Licher, Hub Zwart

Project 2:
amai! Co-creating AI-based solutions for societal challenges
Karen Verstraelen, Annelies Duerinckx, Pieter Duysburgh, Jef Van Laer, Kristien Rombouts, Michiel Vaes, Carina Veeckman

Project 3: *canceled*
Mindful researchers – A values-and-practices based initiative to support open and collaborative research
Wolfgang Lukas, Mary Rees

Project 4:
Co-creating digital environments for improved quality of life – The PATIO health guide
Amelie Dorn, Markus Mitterhauser, Sanja Moldovan, Ekkehard Büchler

Project 5:
Societal readiness thinking tool
Tung Tung Chan, Michael Bernstein, Ingeborg Meijer, Niels Mejlgaard

Project 6:
Defining discovery: On the need for a new approach to scholarly discovery and scientific crowdfunding in the age of open science
Suzanne Dumouchel, Francesca Di Donato, **Emilie Blotière**, Kelly Achenbach, Stefano De Paoli, Paula Forbes, Peter Kraker, Michela Vignoli, Marta Błaszczyńska, Arnaud Gingold

Project 7:
CERN Science for Open Data
Anna Ferrari, Ivan Knezevic, Tomas Roun, Diamantis Patsidis, Ines P. P. Da Cruz, Nihal E. Yuceturk, Alexandros Ioannidis, Pedro Ferreira

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12

Thursday, May 12

08:30 to 11:15
Visit CERN Antimatter facility

Assuming the situation remains stable, we are happy to invite all in-person conference partici-
pants to join the visit to the CERN Antimatter facility. In order to be allowed to enter the facility
please kindly note the following:

- **Flat** or **block-heeled**, **closed shoes** are required to be worn during the visit.
- Please bring your own FFP2 masks.
- Please respect basic hygiene measures (i.e. hand hygiene).
- Persons equipped with any **Active Implantable Medical Device** (AIMD), such as cardiac
  pacemakers, defibrillators, neurostimulators, infusion pumps, hearing aids, etc, should
  contact Susanne before the visit. These persons will not be allowed in the underground premises
  if the devices are sensitive to static.
- In order to ensure the protection of **pregnant visitors**, their visit to the facilities might not be
  allowed.
- CERN does not take any responsibility for items left unattended during the visit.
- No smoking, eating and drinking on the surface area.
- Please, make sure you stay with your guide during the whole visit. Should an alarm occur please
  follow the instructions given by your guide.
- For the safety of those working onsite, we reserve the right to cancel the visit last minute.

If you are concerned by any of the above points, please let us know **without** needing to disclose
any personal and/or medical data.

Meeting point: CERN IdeaSquare
Meeting time: 8.30 am
The bus to the Antimatter facility will leave at 8.45 am sharply to meet our assigned tour schedule.

11:30
Welcome to Day 2

Marion Poetz (Copenhagen Business School & LBG OIS Center)

Parallel paper session 3 and 4

Paper session 3:
Crowds, citizens, and AI in science
Main area

11:30 to 13:00

Paper 8
Citizen Science for serendipity
Marisa Ponti (University of Gothenburg)
Anastasia Skarpeti (Norwegian University of Science and Technology)
Bruno Kestemont (Belgian Federal Government)
(online)

Paper 9
Crowdfunding of science: Career trajectories and performance of individuals seeking crowdfunding funding for their research projects
Morena Rivato (Aarhus University)
Lars Frederiksen (Aarhus University)
Michael A. Zaggl (Aarhus University)

Paper 10
Machines and crowds: Artificial Intelligence as manager in large-scale scientific collaborations
Maximilian Koehler (ESMT Berlin)
Henry Sauermann (ESMT Berlin)

Discussants
Sabine Brunswicker (Purdue University)
Chiara Franzoni (Politecnico di Milano)

Chair
Egor Burda (LBG OIS Center & Copenhagen Business School)

Provide your comments to the speakers in this online feedback document:
https://bit.ly/3vBWSAB

Paper session 4:
Inter- and transdisciplinary research collaborations
Room: 40/S2 – C01 (salle Curie)

11:30 - 13:00

Paper 11

"My own private climate change" – Towards a systematic involvement of personal climate knowledge

Alexander Ruser (University of Agder)

(online)

Paper 12

Access to problems through networks as a driver of innovation: Evidence from nonprofit research institutes

Peter Inho Nahm (Texas A&M University)

(online)

Paper 13

Scientists' collaboration with third sector partners: Motivations and expected benefits

Oscar Llopis (University of Valencia)

Pablo D'Este (INGENIO (CSIC-UPV), Universitat Politècnica de València)

(online)

Discussants

Christoph Grimpe (Copenhagen Business School)

Maria-Theresa Norn (Aarhus University & Technical University of Denmark)

Chair

Susanne Beck (LBG OIS Center & Copenhagen Business School)

Provide your comments to the speakers in this online feedback document:

https://bit.ly/3s7W2Jz

13:00 to 13:45
Lunch

13:45 to 16:15
OIS experimentation session: Engage and reflect on using AI tools for enhancing openness and collaboration in science

*This year, participants experiment with an artificial intelligence (AI) tool that has been developed to facilitate specific aspects of scientific research and reflect on its potential. Contributing to the trend in exploring opportunities for AI-inspired solutions in science, we hope that the OIS experimentation session further shapes the research agenda by pointing towards the untapped potential, undiscovered risks, and boundary conditions for the **relationships between AI and openness and collaboration in science.***

Moderator
Marion Poetz (Copenhagen Business School & LBG OIS Center)

16:45 to 18:15
OIS Debate

Kevin Crowston (Syracuse University)
James Evans (University of Chicago & Santa Fe Institute)
Hila Lifshitz-Assaf (Harvard University)
Anita Schjøll Brede (Iris.ai)

19:30 to 22:00
Conference dinner The Living Room @ Ritz-Carlton

DAY 3

Friday, May 13

Welcome and paper session 5:
Networks within and beyond academia

09:00
Welcome to Day 3

Marion Poetz (Copenhagen Business School & LBG OIS Center)

09:00 to 10:30
Paper Session 5
Networks within and beyond academia

Paper 14
The use of social networking amongst academics
Cornelia Lawson (University of Manchester)
Mayra Morales Tirado (University of Manchester)

Paper 15
Search within and across disciplinary boundaries in a scientific consortium
Ekaterina Mavrina (Vrije Universiteit Amsterdam)

Paper 16
Negotiating knowledge: The advantages of a hedging networking behavior for high scientific impact
Adrián A. Díaz-Faes (INGENIO (CSIC-UPV), Universitat Politècnica de València)
Anne ter Wal (Imperial College London)
Pablo D'Este (INGENIO (CSIC-UPV), Universitat Politècnica de València)
(online)

Discussants
Lars Frederiksen (Aarhus University)
Valentina Tartari (Copenhagen Business School)

Chair
Marion Poetz (Copenhagen Business School & LBG OIS Center)

11

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Parallel paper session 6 and 7

Paper session 6:
Perspectives on crowdsourcing in science
Room: 40/S2 – D01 (Salle Dirac)

11:00 to 12:30

Paper 17
How firms influence citizen science?
Camille Doche (HEC Paris)
(online)

Paper 18
Crowd science projects: Leaders' emotions and participation
Alex Cayrol (Grenoble Ecole Management)
Olga Kokshagina (EDHEC Business School)
Thomas Gillier (Grenoble Ecole Management)

Paper 19
Temporary teams' work in extreme crowdsourcing: A case of crowd science program on big data for cancer
Olga Kokshagina (EDHEC Business School)

Discussants
Carsten Bergenholtz (Aarhus University)
François Grey (University of Geneva)

Chair
Julia Suess-Reyes (LBG OIS Center & Copenhagen Business School)

Provide your comments to the speakers in this online feedback document:
https://bit.ly/3OUDkPh

Paper session 7:
Institutional perspectives on openness and collaboration
Main area

11:00 to 12:30

Paper 20
Deep tech and translational action
Jonathan Wareham (ESADE Business School)
Laia Pujol Priego (IESE Business School)
Angelo Romasanta (ESADE Business School)
Gozal Ahmadova (ESADE Business School)

Paper 21
Open approaches for ethical technology
Despoina Filiou (Open University)

Paper 22
**Organizing for inter- and transdisciplinary collaboration in science:
The role of autonomy and control**
Susanne Beck (LBG OIS Center & Copenhagen Business School)
Marcel LaFlamme (PLoS ONE)
Marion Poetz (Copenhagen Business School & LBG OIS Center)

Paper 23
The substitution between public science and corporate scientific research
Lia Sheer (Tel-Aviv University)
Sharon Belenzon (Duke University)
Ashish Arora (Duke University)
Larisa Cioaca (Duke University)

Discussants
Carolin Haeussler (University of Passau)
Philipp Tuertscher (Vrije Universiteit Amsterdam)

Chair
Christoph Grimpe (Copenhagen Business School)

Provide your comments to the speakers in this online feedback document:
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12:30 - 13:00
Conference closing
and light lunch

Reflections on the conference and outlook
Marion Poetz (Copenhagen Business School & LBG OIS Center)

Let us end this year's conference by appreciating all participants contributing to make the OIS research community thrive and prosper!

LOGISTICS

Locations
The hybrid OIS Research Conference 2022 takes place online and at **CERN IdeaSquare**, Rte de Meyrin 372, 1217 Meyrin, Switzerland.

The best way to arrive at CERN IdeaSquare is by Tram 18 (transit stop "CERN")

The conference dinner will take place at The Living Room @ Ritz-Carlton, Quai du Mont-Blanc 11, 1201 Genève, Switzerland. It is located in the hotel.

You can best reach the conference dinner venue by tram 18 (tram stop "Cornavin").
From there it is a 500 meter walk.

Organizers contact information
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