



STOA Academic Freedom Roundtable

Research integrity in Open Science for Europe

Participants' booklet



Research integrity in Open Science for Europe

STOA Academic Freedom Roundtable
Wednesday, 21 February 2024, 15:00 - 18:00 CET
Room SPAAK 7C50

Participants' booklet

STOA administrator in charge: Eszter FAY

Available at <https://www.europarl.europa.eu/stoa/en/events/details/stoa-academic-freedom-roundtable-research/20240130WKS05962>

Join the conversation on X:



[#EP4AcademicFreedom](#)

[@EP_ScienceTech](#)

PE 749.696

© European Union, February 2024

Table of contents

1. Programme	2
2. Introduction	3
3. Opening	4
3.1. Ivars IJABS, MEP and STOA Vice-Chair	4
3.2. Iliana IVANOVA, European Commissioner for Research and Innovation	4
4. Speakers	5
4.1. Frank MIEDEMA, Professor of Open Science, University of Utrecht	5
4.2. Elizabeth GADD, Head of Research Culture & Assessment, Loughborough University	5
4.3. Marcel BOGERS, Professor of Open & Collaborative Innovation, Eindhoven University of Technology	6
4.4. Henriikka MUSTAJOKI, Head of Development, Open Science, Finland	6
4.5. Rose BERNABE, Professor of Research Ethics and Research Integrity, University of Oslo	7
4.6. Olivier LE GALL, Chair of the French Advisory Board on Research Integrity	7
4.7. Signe MEZINSKA, Associate Professor and Senior Researcher, University of Latvia	8
4.8. Kadri SIMM, Chair of the Practical Philosophy, Associate Professor, University of Tartu	8
5. About STOA	9
5.1. Mission	9
5.2. STOA Panel members	11
5.3. STOA Secretariat	13

1. Programme

15.00 - 15.05 Opening

- **Ivars IJABS** MEP, Vice-Chair of the Panel for the Future of Science and Technology (STOA)

15.05 - 15.10 Introduction

- **Iliana IVANOVA**, European Commissioner for Innovation, Research, Culture, Education and Youth (video message)

15.10 - 15.30 Keynote: Science in Transition

- **Frank MIEDEMA**, Professor of Open Science, University of Utrecht

15:30 -16:30 Panel discussion *'Open Science challenges'*

- **Elizabeth GADD**, Head of Research Culture & Assessment, Loughborough University
- **Marcel BOGERS**, Professor of Open & Collaborative Innovation, Eindhoven University of Technology
- **Henriikka MUSTAJOKI**, Head of Development, Open Science, Finland

Moderator: Rose BERNABE, Professor of Research Ethics and Research Integrity, University of Oslo

Including Q&A with the audience.

16:30 -16:50 Coffee break

16:50 -17:55 Panel discussion *'Responsible Open Science in Europe: General Guidelines and Academic Freedom'*

- **Rose BERNABE**, Professor of Research Ethics and Research Integrity, University of Oslo
- **Olivier LE GALL**, Chair of the French Advisory Board on Research Integrity
- **Signe MEZINSKA**, Associate Professor and Senior Researcher, University of Latvia
- **Kadri SIMM**, Chair of the Practical Philosophy, Associate Professor, University of Tartu

Moderator: Rose BERNABE, Professor of Research Ethics and Research Integrity, University of Oslo

Including Q&A with the audience.

17:55 - 18:00 Closing remarks

- **Ivars IJABS**, MEP and STOA Vice-Chair

The event will be held in EN.

The event will be webstreamed.

2. Introduction

Research integrity is a foundation of excellent science and the cornerstone of societal trust in researchers and research institutions. Advancing research integrity across Europe is of the utmost importance to ensure the high quality of science, including reproducibility of research results, and to ensure a fruitful relationship between science and society.

Open science (OS) is an approach to the scientific process that focuses on spreading knowledge as soon as it is available using digital and collaborative technology. Open science is a policy priority for the European Union and the standard method of working under its research and innovation funding programmes as it improves the quality, efficiency and responsiveness of research.

The workshop intends to uncover how unchecked challenges in Open Science can jeopardize academic freedom. Open Science demands a shift in scientific mindset and robust governance structures--infrastructure, codes of conduct, regulations, and training. Deficiencies in these elements pose critical threats to researchers and institutions, impacting academic freedom, diversity, and inclusivity in science.

Experts, researchers together with policy makers discuss how Open Science in Europe intersects with policy, potentially conflicting with the General Data Protection Regulation (GDPR), intellectual property regulations, and funding restrictions. They also explore the imperative for a governance structure driving a paradigm shift in science, guided by research ethics and integrity.

3. Opening

3.1. Ivars IJABS, MEP and STOA Vice-Chair



Ivars Ijabs is a Member of the European Parliament and 2nd Vice-Chair of the Panel for the Future of Science and Technology (STOA). He is a member of the Committee on Industry, Research and Energy (ITRE), and the Delegation for relations with the United States, and a substitute member of the Committee on the Internal Market and Consumer Protection (IMCO), the Delegation for relations with the countries of the Andean Community, the Delegation for relations with the countries of Southeast Asia and the Association of Southeast Asian Nations (ASEAN) and the Delegation to the Euro-Latin American Parliamentary Assembly.

From 2014 to 2019 Ivars Ijabs was Chairman of the Board of the Foundation for an Open Society DOTS. From 2009 to 2013 he was Chairman of the Board of the Latvian Association of Political Scientists. Since 2018 he is a Corresponding member of the Latvian Academy of Science.

3.2. Iliana IVANOVA, European Commissioner for Research and Innovation



Iliana Ivanova is the European Commissioner for Innovation, Research, Culture, Education and Youth. She previously served as Member of the European Court of Auditors (2013 – 2023), as Member of the European Parliament (2009 – 2012) and as a Member of Sofia City Council (2007 – 2009). She has also worked as investment and business analyst in various financial and banking institutions in the US as well as coordinator for international financial institutions in the Bulgarian Ministry of Agriculture and Food.

4. Speakers

4.1. Frank MIEDEMA, Professor of Open Science, University of Utrecht

Frank Miedema is emeritus professor at Utrecht University. He was Vice Rector for Research and chair of the Utrecht University Open Science Program until September 2023.

He studied biochemistry (immunology) at the University of Groningen, with a minor in the Philosophy of Science. From 1983, he was a project leader of the immunovirology of HIV/AIDS research program, as part of the Amsterdam Cohort Studies. He was appointed Director of Sanquin Research in Amsterdam in 1998. In 2004, he became head of the Immunology Department at the University Medical Center Utrecht. From January 2009 to March 2019 he was dean and vice chairman of the Executive Board of the University Medical Center Utrecht. He is one of the initiators in 2013 of Science in Transition (www.scienceintransition.nl/english) who argued that the academic incentive and reward system is in need of fundamental reform. The impact on society must be valued more and societal stakeholders should be involved more in the production of knowledge. He published 'Open Science: The Very Idea', Open Access at Springer, 2022.



4.2. Elizabeth GADD, Head of Research Culture & Assessment, Loughborough University

Elizabeth (Lizzie) Gadd chairs the International Network of Research Management Societies (INORMS) Research Evaluation Group and is a Vice-Chair of the Coalition on Advancing Research Assessment (CoARA). In 2022, she co-authored 'Harnessing the Metric Tide: Indicators, Infrastructures & Priorities for UK Research Assessment'. Lizzie is the Head of Research Culture & Assessment at Loughborough University, UK and champions the [ARMA Research Evaluation SIG](#). She previously founded the LIS-Bibliometrics Forum and The Bibliomagician Blog and was the recipient of the 2020 INORMS Award for Excellence in Research Management and Leadership.



4.3. Marcel BOGERS, Professor of Open & Collaborative Innovation, Eindhoven University of Technology



Marcel Bogers is a Full Professor of Open & Collaborative Innovation at the Innovation, Technology Entrepreneurship and Marketing (ITEM) group at the Department of Industrial Engineering & Innovation Sciences (IE&IS) at Eindhoven University of Technology (TU/e). Bogers' main interests center on open and collaborative innovation, which he has studied across different levels of analysis. As such, his research focus ranges from the microfoundations of open innovation to the dynamics of innovation ecosystems, and from organizational attributes of business model innovation to the societal impact of open innovation. He has done research in a variety of contexts, such as big data, health, food, sustainability, open science, and emerging markets. Bogers is also specifically interested in better understanding how

open and collaborative innovation approaches help to better address grand challenges — for the benefit of both business and society. Bogers also holds positions as Affiliated Professor at the University of Copenhagen (Denmark) and as Garwood Research Fellow at University of California, Berkeley (USA). He has held guest lecturer appointments at Politecnico di Milano, Scuola Superiore Sant'Anna, Copenhagen Business School (CBS), and the Lab for Open Innovation in Science (LOIS). Bogers has received several honors that highlight excellence in research, teaching and outreach.

4.4. Henriikka MUSTAJOKI, Head of Development, Open Science, Finland



Henriikka Mustajoki (PhD) has a long career in research ethics and ethical decision-making. She was the first national Open Science Coordinator for Finland and is currently working as the Secretary General for the Committee for Public Information with the focus on assisting the transfer of research knowledge into society.

4.5. Rose BERNABE, Professor of Research Ethics and Research Integrity, University of Oslo

Rosemarie Bernabe is professor of research ethics and research integrity at the Centre for Medical Ethics of the University of Oslo and adjunct professor of medical research ethics at the University of South-Eastern Norway. Her passion has always been on the issues of access and fairness in global health collaborations and has extensive experience collaborating on these matters with various stakeholders from Europe, Asia, Africa, and Latin America. She currently leads multiple large international consortia on ethics and integrity -- the knowledge sifted from which Rose wishes to bring to the seminar -- including the following: the European Commission projects, Responsible Open Science in Europe (ROSiE), The Equitable, Inclusive, and Human-Centered XR Project (XR4Human), Enhancing Ethics and Integrity Capacity in Medical Research and Clinical Practice (ETHIMED), Improving post-trial access in Africa (AccessAfrica) Beyond Bad Apples: Towards a Behavioral and Evidence-Based Approach to Promote Research Ethics and Research Integrity in Europe (BEYOND); and Developing national and global agendas for the ethics of post-trial arrangements in low and middle income countries during pandemics/epidemics (Pandemic Ethics).



4.6. Olivier LE GALL, Chair of the French Advisory Board on Research Integrity

Olivier Le Gall is a researcher at INRA, the French organization dedicated to researching food systems and their relation to the environment, agriculture, and nutrition. A birdwatcher in his spare time and an agronomical engineer with a Ph.D. in plant biology by training, from 1986 to 2006 he studied the molecular dialogue between plants and viruses and the biodiversity of plant viruses, mostly at INRA Bordeaux, France. From 2006 to 2012, as head of INRA's Division for Plant Health and Environment, he encouraged interdisciplinary approaches to crop protection, including utilizing the social sciences. From 2013 to 2017, as INRA's deputy CEO for scientific affairs, he oversaw the design of INRA's scientific strategy for the next 10 years, which included setting up a task force on open science, including citizen science and participatory research. In 2017, he coordinated the opening of the French Office for Research Integrity (OFIS) to stimulate a shared culture of good research practices nationwide. OFIS hosts the French Advisory Board for Research Integrity (CoFIS), which he now chairs.



4.7. Signe MEZINSKA, Associate Professor and Senior Researcher, University of Latvia



Signe Mezinska is Associate Professor and Senior Researcher at the University of Latvia, Institute of Clinical and Preventive Medicine and Faculty of Medicine. She holds PhD in Sociology of Health and Illness (Riga Stradins University, Latvia), MA in Philosophy (University of Latvia) and MSc in Bioethics (Union Graduate College, USA). Her scientific interests include biomedical research ethics, ethics of biobanking, rational use of medicines and ethics of patient/physician relationships. S.Mezinska has been awarded national research grants, as well as been part of internationally funded research projects (H2020, NIH). She is teaching medical ethics, bioethics and sociology of health and illness for more than 20 years to undergraduates, graduates and PhD students in medicine and biology. S.Mezinska is serving as vice-chair of UNESCO International Bioethics Committee, [BBMRI-ERIC ELSI](#) expert, ethics expert for European Commission (evaluation of FP7 and H2020 research proposals), as well as member of several local research ethics committees.

4.8. Kadri SIMM, Chair of the Practical Philosophy, Associate Professor, University of Tartu



Kadri Simm is Associate Professor of Practical Philosophy in Institute of Philosophy and Semiotics, University of Tartu. Her background is interdisciplinary, having first studied history (University of Tartu), she then did her MA in Gender Studies (Central European University) and her PhD in philosophy (Tartu). Many of her projects are located at the intersections of moral and political philosophy, health care and new medical technologies. She has previously published on benefit-sharing debates in biomedicine, ethical and social aspects of genetic research, mental health, feminist philosophy and theories of justice. She has published both theoretical conceptual work as well as empirical work and has joint publications with researchers from humanities, social sciences and medical sciences. She is the research integrity advisory for Faculty of Humanities of University of Tartu, and member of the clinical ethics committee of Tartu University Hospital.

5. About STOA

5.1. Mission

The Panel for the Future of Science and Technology ([STOA](#)) forms an integral part of the structure of the European Parliament. Launched in 1987, STOA is tasked with identifying and independently assessing the impact of new and emerging science and technologies.

The goal of its work is to assist, with independent information, the Members of the European Parliament (MEPs) in developing options for long-term, strategic policy-making.

The STOA Panel

The STOA Panel consists of 27 MEPs nominated from eleven permanent parliamentary committees: Agriculture & Rural Development ([AGRI](#)), Culture & Education ([CULT](#)), Employment & Social Affairs ([EMPL](#)), Environment, Public Health & Food Safety ([ENVI](#)), Internal Market & Consumer Protection ([IMCO](#)), International Trade ([INTA](#)), Industry, Research & Energy ([ITRE](#)), Legal Affairs ([JURI](#)), Civil Liberties, Justice and Home Affairs ([LIBE](#)), Regional Development ([REGI](#)) and Transport & Tourism ([TRAN](#)).

[Marc ANGEL](#) is the European Parliament Vice-President responsible for STOA for the second half of the 9th parliamentary term. The STOA Chair for the second half of the 9th parliamentary term is [Christian EHLER](#), with [Ivo HRISTOV](#) and [Ivars IJABS](#) elected as 1st and 2nd Vice-Chairs, respectively.

The STOA approach

STOA fulfils its mission primarily by carrying out science-based projects. Whilst undertaking these projects, STOA assesses the widest possible range of options to support evidence-based policy decisions. A typical project investigates the impacts of both existing and emerging technology options and presents these in the form of studies and options briefs. These are publicly available for download via the [STOA website](#).

Some of STOA's projects explore the long-term impacts of future techno-scientific trends, with the aim to support MEPs in anticipating the consequences of developments in science. STOA communicates its findings to the European Parliament by organising public events throughout the year.

Focus areas

STOA activities and products are varied and are designed to cover as wide a range of scientific and technological topics as possible, such as genetic engineering, antimicrobial resistance, energy, pollution, sustainable agriculture and fishing, artificial intelligence & digital technologies such as blockchain, 5G, satellite communications, IoT and Internet, Covid-19 and health in general.

These activities are clustered within three main thematic areas: Artificial intelligence & other disruptive technologies, The new Green Deal, and Quality of life. In addition, STOA's work addresses four cross-cutting policy areas: Science, technology and innovation; Societal and ethical challenges; Economic challenges; and Legal challenges.

ESMH

The European Science-Media Hub ([ESMH](#)), operating under the political responsibility of the STOA Panel, is a platform to promote networking, training and knowledge sharing between the European Parliament, the scientific community and the media. The ESMH creates a network among policy-makers, scientists and media involving science, academia, educational and research entities, and professional associations of journalists and scientists.

For journalists and media representatives, the ESMH organises training sessions and workshops on current technological developments, both as subjects of their reporting and as means of facilitating their work. Via media monitoring and media intelligence tools, the ESMH follows the most popular topics in the field of science and technology on different platforms including journals, newspapers and social media.















The ESMH makes information available to journalists, other media and citizens about new scientific developments, as well as about scientific topics that attract media attention, and promotes information based on evidence.














EP Forum for Academic Freedom

In 2022, the STOA Panel established the [EP Forum for Academic Freedom](#), as its new initiative. This authoritative platform monitors the state of play of the academic freedom in the EU member states and offers a platform to all stakeholders to discuss how to protect the academic freedom in Europe.

The EP Forum for Academic Freedom publishes studies and organises events to tackle the different aspects of the academic freedom.

5.2. STOA Panel members

	Panel Member	Committee		Panel Member	Committee
	Marc ANGEL (S&D, LU) EP Vice-President STOA Bureau member			Rosa D'AMATO (Greens/EFA, IT)	REGI
	Christian EHLER (EPP, DE) STOA Chair STOA Bureau member	ITRE		Jakob DALUNDE (Greens/EFA, SE)	TRAN
	Ivo HRISTOV (S&D, BG) 1st STOA Vice-Chair - STOA Bureau member	ITRE		Pietro FIOCCHI (ECR, IT)	ENVI
	Ivars IJABS (Renew Europe, LV) 2nd STOA Vice-Chair - STOA Bureau member	ITRE		Emmanouil FRAGKOS (ECR, EL)	AGRI
	Atidzhe ALIEVA-VELI (Renew Europe, BG)	EMPL		Lina GALVEZ MUÑOZ (S&D, ES)	EMPL
	Adam BIELAN (ECR, PL)	IMCO		Maria GRAPINI (S&D, RO)	TRAN
	David CORMAND (Greens/EFA, FR)	IMCO		Martin HLAVÁČEK (Renew Europe, CZ)	AGRI

	Panel Member	Committee		Panel Member	Committee
	Marina KALJURAND (S&D, EE)	LIBE		Susana SOLÍS PÉREZ (Renew Europe, ES)	ENVI
	Radan KANEV (EPP, BG)	EMPL		Barbara THALER (EPP, AT)	TRAN
	Maria-Manuel LEITÃO-MARQUES (S&D, PT)	IMCO		Patrizia TOIA (S&D, IT)	ITRE
	Victor NEGRESCU (S&D, RO)	CULT		Marion WALSMANN (EPP, DE)	JURI
	Jutta PAULUS (Greens/EFA, DE)	ENVI		Pernille WEISS (EPP, DA)	ITRE
	Bronis ROPÉ (Greens/EFA, LT)	AGRI		Juan Ignacio ZOIDO ALVAREZ (EPP, Spain)	INTA
	Jordi SOLÉ (Greens/EFA, ES)	ITRE	AGRI: Agriculture and Rural Development CULT: Culture and Education EMPL: Employment and Social Affairs ENVI: Environment, Public Health and Food Safety IMCO: Internal Market and Consumer Protection INTA: International Trade ITRE: Industry, Research and Energy JURI: Legal Affairs LIBE: Civil Liberties, Justice and Home Affairs REGI: Regional Development TRAN: Transport and Tourism		

5.3. STOA Secretariat

Head of Unit - Scientific Foresight Unit (STOA)

Marcus SCHEUREN

Luisa ANTUNES

Marika ARMANOVICA

Andrés GARCÍA HIGUERA

Vasco Nuno GUEDES FERREIRA

Nera KULJANIĆ

Jurgita LEKAVICIUTE

Antonio VALE

Aleksander VÄLJAMÄE

European Science-Media Hub (ESMH)

Svetla TANOVA, Coordinator

Vitalba CRIVELLO

Carolien Martina NIJENHUIS

EP Forum for Academic Freedom

Eszter FAY

Assistants

Michal HUBAR

Rachel MANIRAMBONA

Marie-Noëlle MPOLESHA MISENGA

Trainee

Niklas DREIER

Contact:

Scientific Foresight Unit (STOA)

Directorate-General for Parliamentary Research Services (EPRS)

European Parliament

Rue Wiertz 60

B-1047 Brussels

Tel. +32 2 284 1629

E-mail: stoa@europarl.europa.eu

This is a publication of the Scientific Foresight Unit (STOA)
EPRS | European Parliamentary Research Service



PE 749.696