

Programme

SECAT 2022

27th September

08:50 - 09:00

Welcome and virtual check-in

Welcome by the (Ms)trust in Scientific Expertise research group w/ Antoinette Mary Fage-Butler

09:00 - 10:30



Track 1: The Public Good

Panel session: Science, Trust, and the Public Good

Chair: Hans Radder

Knowing and Acting in Common: Science Communication, Public Good and Global Environmental Change

Sujatha Raman
Joan Leach

Openness and the Public Good in Australian Stem Cell Research

Dan Santos
Joan Leach
Rachel Ankeny
Edilene Lopes McInne
Rebekah Harms

The edges of public trust in pandemic management strategies in Singapore and Denmark

Monamie Bhadra Haines
Maja Horst
Corinna Navo

Linked documentation

[D. Santos - SECAT session submission.pdf](#)



Track 2: Identifying (Dis)trust

Panel session: Identifying (Dis)trust

Chair: Simon Fuglsang

Identifying segments of trust in science and specific effects of science communication: A comparative study on South African and German online users

Anne Reif
Justin T. Schröder
Lars Guenther
Monika Taddicken
Peter Weingart

Development and validation of a scale measuring people's general science skepticism

Yannic Meier
Nicole Krämer

A systematic map of science communication research and vaccines: Do we focus on actions or just words?

Merryn Mackinnon
Dr John Noel Viana

The important role of science communication on building trust in scientific expertise

Inês Navalhas

"Taking on trust": Identifying indicators of (dis)trust in content about science

Justin T. Schröder
Janise Brück
Lars Guenther

Linked documentation

M. Mackinnon - A systematic map of science communication research and vaccines.pdf

A. Reif - Identifying segments of trust in science and the effects of science communication.pdf

Y. Meier - Development and validation of a scale measuring people's general science skepticism.pdf

I. Navalhas - The important role of science communication on building trust in scientific expertise.pdf

J. Schröder - Taking on trust_indicators-of-dis-trust-in-content-about-science.pdf

Brain break



Keynote talk by Brian Trench

Trust and mistrust in science: A false opposition?

Brian Trench is a writer and academic living in Dublin, Ireland. In his 20 years as a journalist in science communication, and as a former lecturer and coordinator of the Master's in Science Communication at the School of Communication, Dublin City University, he has played a central role in developing Science Communication and science-in-society in Ireland and internationally. For 14 years (2014-2021) he was the president of the PCST Network for the Public Communication of Science and Technology and is still an active member of the network.

Lunch break



Track 3: Conspiracy

Panel session: Conspiracy

Chair: Alexandra Regina Kratschmer

PCR-Gate and the Hyper-Science of Conspiracy Theorists: Popular Contestations of the Gold Standard Measuring Corona in the Social Media Era

Jaron Harambam

Conspiracy Theories Discussion in Social Media

Dmitry Erokhin

Abraham Yosipof

Nadejda Komendantova

When New Media, Pseudoscience, Conspiracism and Consumerism Collide: The Case of Gaia, Inc.

Alexandre Schiele

Linked documentation

A. Schiele - When New Media, Pseudoscience, Conspiracism and Consumerism Collide.pdf

D. Erokhin - Conspiracy theories discussion in social media.pdf

J. Harambam - PCR-Gate and the Hyper-Science of Conspiracy Theorists.pdf

B. Buarque - Alt-right conspiratorial regime of truth.pdf



Track 4: Science-related Populism

Panel session: Science-related Populism

Chair: Justin T. Schröder

Science-related populism and its implications for public opinion and communication about science

Niels G. Mede
Mike S. Schäfer
Julia Metag
Adrian Rauchfleisch

Populism, trust in elites, and vaccine hesitancy

Darren Lilleker
Finlay Brown

Trust in science and science-related populism: a global assessment

Viktoria Cologna
Niels G. Mede
Mike Schäfer
Naomi Oreskes
John Besley
Sander van der Linden
Edward W. Maibach
Sabina Mihelj
Sebastian Berger
Cameron Brick

Intersections between populism and science in Europe

Hande Eslen-Ziya
Dr. Alberta Giorgi

Linked documentation

- V. Cologna - Trust in science and science related populism.pdf
- N. Mede et al. - Science-related populism and its implications for public opinion and communication about science.pdf
- D. Lilleker & Brown - Populism, trust in elites and vaccine hesitancy.pdf
- H. Eslen-Ziya & Giorgi - Intersections between populism and science in Europe.pdf

15:30 - 16:00 **Brain break**

16:00 - 17:00



Keynote talk by Maja Horst

Trust, Identity, and Social Order

Maja Horst is a professor of Responsible Technology at DTU – Technical University of Denmark. Maja has made great contributions to the public debate on technology, communication, and ethics in Denmark and was a member of the Danish Council for Research and Innovation Policy for two periods. She is chair of the board of directors of the Independent Research Fund Denmark and a member of the Danish Academy of Technical Sciences (ATV).

17:00 - 18:30 **Break**

18:30 - 19:15



Keynote talk by Mia-Marie Hammarlin

"Have you heard that mRNA alters the DNA?" Vaccine Rumours under Scrutiny

Mia-Marie Hammarlin is a Senior Lecturer in Media and Communication Studies and Journalism at Lund University and was Head of the Department for four years. She is a trained ethnographer with a theoretical interest in phenomenology and a trained journalist. Her presentation sheds light on digital truth-seeking related to the Covid-19 pandemic and vaccination hesitancy with a particular interest in rumours, sometimes called the world's oldest news medium. Drawing on both digital material and interviews, Hammarlin and her team investigate hesitancy toward covid-19 vaccines.

Starting from a set of epistemologically informed research questions, they investigate how people interact online in order to handle the uncertainties resulting from the pandemic. In light of the lack of certitude and predictability surrounding both the COVID-19 disease itself, the vaccines against it, and the authorities' measurements to handle the pandemic, they understand the engagement as *management of doubt*, following the pragmatist idea of knowledge. According to this perspective, what is generally called "truth" are in fact sets of beliefs that have become fixed within a community as the result of continuously ongoing communicative processes, where rumours form an important, yet often neglected, part.

19:15 - 19:30 **See you tomorrow**

08:50 - 09:00 **Welcome and virtual check-in**

09:00 - 10:00



Keynote talk by Maria Baghramian

Trust in experts and the role of shared values

Maria Bahramian is a professor of American Philosophy in the School of Philosophy at University College Dublin (UCD). She is the founder and co-director of the UCD Post Graduate Programme in Cognitive Science. She has been a member of three working groups on topics of truth, trust and science with the All European Academies (ALLEA) and its science and policy mechanism SAPEA, and she is currently a coordinator of the PERITIA - Policy, Expertise and Trust in Action multi-disciplinary research project.

10:00 - 10:30 **Brain break**



Track 5: Language and Communication

Panel session: Language and Communication

Chair: Lars Guenther

The complex discursive construction of 'trust in vaccines' among parents: a cross-linguistic study

Alexandra Regina Kratschmer
Marie Louise Tørring
Ana Paulla Braga Mattos
Byurakn Ishkhanyan
Rebekah Baglini

Language and science communication in small linguistic areas: examples of Finland and Estonia

Sanna Kivimäki
Arko Olesk

Distrusting the black box AI. A linguistic perspective on scientific and non-scientific AI discourses

Nina Kalwa
Monika Hanauska
Annette Lefsmöllmann

The dissemination and correction of scientific false information in public health emergencies from a comparative perspective

Shuming Yang

Through a Glass, Darkly: A Rhetorical Analysis of Science Communication on Autism in the US

Valeria Cernei

Linked documentation

- A. Kratschmer et al. - The complex discursive construction of 'trust in vaccines' among parents.pdf
- V. Cernei - Through a Glass, Darkly.pdf
- N. Kalwa & Hanauska - Distrusting the black box AI.pdf
- S. Yang - The dissemination and correction of scientific false information in public health emergencies from a comparative perspective .pdf
- P. Zhou - Science Communication in Family Communication in the age of AI.pdf



Track 6: Media and Digital Worlds

Panel session: Media and Digital Worlds

Chair: Helena Bilandzic

The Evil Corporation Trope: An Analysis of Popular Science-Fiction Films

Michael Poerio

Dr. Erik Stengler

Science Communication in Family Communication in the Age of Artificial Intelligence: Who Is More Trustworthy to Children, Parents or Robots?

Pengcheng Zhou

Ruifeng Qie

Do They Bridge the Last Mile? The Research on Social Governance Based on Information Dissemination of COVID-19 in Country-level Media Converged Centers

Baibing Cheng

Wenqing Guo

#NoMandatoryVaccine: bolsonarism campaign on Twitter

Eliana Regina Lopes Loureiro

Rosemary Segurado

Tathiana Senne Chicarino

Linked documentation

E. Loureiro - #NoMandatoryVaccine.pdf

M. Poerio & Stengler - The Evil Cooperation Trope.pdf

P. Zhou - Science Communication in Family Communication in the age of AI.pdf

B. Cheng & Guo - Do They Bridge the Last Mile.pdf

Lunch break



Track 7: Public Engagement

Panel session: Public Engagement

Chair: Brandi Morris

Third-order science communication: What is it, and where can I get some?

Will Rifkin
Nancy Longnecker
Heather Bray
Martin Espig
Nic Badulovich
Muza Gondwe
Jennifer Manyweathers
Lisa Bailey

Changing Roles: Scientists' Role Performance on Twitter during the Covid-19 Pandemic

Kaija Biermann
Monika Taddicken

Strategic Communication at the European Space Agency: Juxtaposing Strategy and Public Attitudes

Axel Pflieger
Alexander Gerber
Alexander Struck

Portraying pesticides: A proposed content analysis of pesticide effects coverage in France and Germany

Claire Roney
Edoardo Anziano

Role of Science Communication in Open Science movement

Monika Maciuliene

Fostering people's intellectual humility and willingness to act in the context of science communication

Nina Vaupotic
Dorothe Kienhues
Regina Jucks

Linked documentation

- M. Maciuliene - Role of Science Communication in Open Science movement.pdf
- N. Vaupotic - Fostering people's intellectual humility and willingness to act in the context of science communication.pdf
- W. Rifkin et al. - Third-order science communication.pdf
- A. Pflieger et al. - Strategic Communication at the European Space Agency.pdf
- K. Biermann - Changing Roles.pdf
- C. Roney - Portraying pesticides.pdf



Track 8: Trustworthiness?

Panel session: Trustworthiness?

Chair: Anne Reif

Dr. Who? The Effects of Familiarity, Gender, and an Academic Title on the Perception of Scientists Online

Bianca Nowak
Nicole Krämer

Misconduct in science: its influence on students' trust in scientists and academic integrity

Dorothe Kienhues
Lina Malyschkin

The Devil in the Disciplines: Towards a Culture of Field-Specific Self-Reflection of Knowledge Production, Publication Systems and External Communication Processes

Tobias Kreutzer

Linked documentation

- T. Kreutzer - The Devil in the Disciplines.pdf
- D. Kienhues - Misconduct in Science.pdf
- B. Nowak & N. Krämer - Dr Who.pdf



Track 7 (continued): Engaging with Publics

Panel session: Engaging with Publics

Chair: Viktoria Cologna

Is the Messenger the Message?

Brandi S. Morris

Panagiotis Mktidis
Polymeros Chrysochou

Personal epistemologies and science information: how citizens make sense of science-related issues

Jussara Rowland
João Estevens
Ana Delicado

Skeptical Communication: Understanding Dialogical Barriers in the Digital World

Adán Lerma-Mayer

Trusting that science will fail

Adalberto Fernandes

Ethos of Expertise: Challenges and Opportunities in the Public Communication of Science across Technical and Public Spheres

Pamela Pietrucci

Linked documentation

[B. Morris - Is the Messenger the Message.pdf](#)

[P. Pietrucci - Ethos of Expertise.pdf](#)

[J. Rowland - Personal epistemologies and science information.pdf](#)

[A. Fernandes - Trusting that science will fail.pdf](#)

[A. Lerma-Mayer - Skeptical Communication_Understanding Dialogical Barriers in the Digital World.pdf](#)



Track 8 (continued): The 'Trustworthy' Expert

Panel session: The 'Trustworthy' Expert

Chair: Dorothe Kienhues

Spelling errors and 'shouting' capitalization implicitly lead to linearly additive penalties to trustworthiness of online health information

Harry Witchel
Georgina A Thompson
Christopher I. Jones
Carina E I Westling
Juan Romero
Alessia Nicotra
Bruno Maag
Hugo D Critchley

Speaking up like a scientist?! Insights from an experimental design on advocacy and uncertainty in the context of Covid vaccinations

Inse Janssen
Regina Jucks

Building a credible and trustworthy scientific persona through crowdfunding. An analysis of successful climate change-related campaigns on Experiment.com

Ana Cristina Vivas-Peraza

The role of celebrity scientists during the COVID-19 pandemic: Parasocial relationships, emotional gratifications and postmedia activities

Helena Bilandzic
Jessica Gall Myrick

Trusting the martyr: the appeal of the "rogue expert" archetype in science-sceptical narratives

Alexandra Regina Kratschmer
Janiv Gabbai-Müller

Linked documentation

- H. Witchel - Spelling errors and 'shouting' capitalization implicitly lead to linearly additive penalties to trustworthiness.pdf
- I. Janssen - Speaking up like a scientist.pdf
- H. Bilandzic - Celebrity scientists during the COVID pandemic.pdf
- Building a credible and trustworthy scientific persona through crowdfunding.pdf
- J. Gabbai-Müller and A. Kratschmer - Trusting the martyr.pdf

17:00 - 17:10



Thank you and closing remarks

w/ Antoinette Fage-Butler and the (Ms)Trust of Scientific Expertise research group

17:10 - 17:40

Virtual social event