

RSC ESR Annual Conference Cardiff University
12 – 16th April
Paracat Satellite Meeting, featuring a
Workshop “Communication and ethics”

Delegates must be registered for the main RSC ESR conference in order to access the Zoom sessions – see websites for further details.

RSC ESR Conference Website:

<http://www.esr-group.org/conferences/2021-conference-cardiff/registration-2021/>

Paracat Website:

<https://paracat.eu/wp/>

Workshop “Communication and ethics” Friday 16th April 9am-13pm

Debating game on responsible science communication.

S. Wenmackers, Institute of Philosophy, KULeuven, Belgium



The goal of this interactive session is to discuss ethical aspects of science communication. The discussion is structured around a series of propositions, each with one argument pro and one con. Examples of propositions include: "As an academic, communicating your findings with precision is key." "There exists a perfect format for doing science communication, which all researchers should aim to adopt." "Ultimately, science communication has to be played by the rules of commercial media." Participants initially position themselves on an axis from pro to con, based on their own interpretation of the proposition and their own arguments. The next step is to exchange reasons, during which participants may revise their initial opinions.

Prof. dr. Sylvia Wenmackers is a BOF Research professor at the Centre for Logic and Philosophy of Science (CLPS) of the Institute of Philosophy, KU Leuven. She graduated as a Master in Theoretical Physics at Ghent University (Belgium) in 2002. She started her research career at the Institute for Materials Research, Hasselt University (Belgium), where she earned her Ph.D. in 2008. After a year as a postdoctoral researcher, she moved fields to Philosophy of Science. In 2011, she obtained a Ph.D. (cum laude) in Philosophy at the University of Groningen (the Netherlands) for her dissertation "Philosophy of Probability". She has published 50 peer-reviewed articles and chapters in academic books. Currently, she is working on topics in philosophy of physics, foundations of probability, and formal epistemology.

Monday	
12.00 – 12.15 Antonino Famulari	Structural insights into the heme domain of peroxygenase-like cytochrome P450, CYP116B5hd
12.15 – 12.30 Andrea Guidetti	Development of a combined methodology towards mechanistic investigation of sustainable light-activated catalysts
Tuesday	
12.00 – 12.15 Seyedeh Fardokht Rezayi	An advanced EPR study to explore the CuII- TREN complexes with trigonal bipyramidal structure
12.15 – 12.30 Paolo Cleto Bruzzese	Mapping Single-Metal Sites in Cu-CHA Zeolite with ¹⁷ O EPR: Structure and Dynamics
Wednesday	
12.00 – 12.15 Ilenia Serra	Arresting the Catalytic Arginine in Chlorite Dismutases: Impact on Heme Coordination, Thermal Stability, and Catalysis
12.15 – 12.30 Yu-Kai Liao	Chromium Environment in Cr-doped SAPO-5 from Spin Density Study
Thursday	
12.00 – 12.15 Maruan Bracci	Freeze quench: a practical approach
12.15 – 12.30 Leonora Podvorica	Multifrequency EPR investigation on isolated Ti(III) Species on the Surface of Pre-active Ziegler Natta Catalysts
Friday	
12.00 – 12.15 David Fioco	Photoactivation studies of Cr(I) complexes by EPR spectroscopy
12.15 – 12.30 Kavipriya Thangavel	EPR investigations on Cu(II) pairs in DUT-49(Cu) MOF to elucidate the magnetic coupling and Xenon adsorption properties