

Keynote Speakers

John Broome

University of Oxford, Emeritus White's Professor of Moral Philosophy

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John Broome is a British moral philosopher and economist, and Emeritus White's Professor of Moral Philosophy at Oxford. He works on normativity, rationality and reasoning, and his focus is on applied ethics. Broome gained greater attention since the mid 2000s through his work on the ethics of climate change. He was Lead Author of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC).

Broome was educated at the University of Cambridge, at the University of London and at the Massachusetts Institute of Technology, where he received a PhD in economics. Before arriving at Oxford he was Professor of Philosophy at the University of St. Andrews and, prior to that, Professor of Economics and Philosophy at the University of Bristol. He has held visiting posts at many renowned universities around the globe.

@ DKCC Winter School John Broome represents the perspective *normative* on the overall winter school topic. Faculty contact: Lukas Meyer

Michaela Krömer

Attorney-at-law working for the law firm Krömer, Austria

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As an attorney, Michaela Krömer has specialized in human rights and cases concerning the climate crisis. "I am intrigued by the answers law provides to existential issues of our time. These include the protection of the environment, the fight against the climate crisis and migration. I believe that human rights can contribute to finding equitable solutions to these challenges. It is time to remind ourselves that our legal system also serves to ensure a good life and co-existence of us all." (Michaela Krömer)

Krömer is currently leading lawyer in the Austrian Climate Case. As the Austrian constitution doesn't allow for the state's inaction to be challenged, this climate litigation focuses on climate-damaging state action. Greenpeace and the petitioners therefore request the Constitutional Court to invalidate tax exemptions that harm the climate. The constitutional court dismissed the petition. At present, the Austrian constitution does not offer any protection against the climate crisis, Krömer argues. She wants to take the case to the European Court of Human Rights.

@ DKCC Winter School Michaela Krömer represents the perspective *legal* on the overall winter school topic. Faculty contact: Eva Schulev-Steindl

Reinhard Mechler

International Institute for Applied Systems Analysis (IIASA), Acting Program Director Risk and Resilience. Web: <https://iiasa.ac.at/>



Reinhard Mechler has over 20 years of experience analyzing and addressing socio-economic aspects of disaster and climate change risks. His interest is to provide evidence-based advice to a wide range of public and private sector decision-makers in order to improve decisions and build resilience against salient risks. Currently, he is the lead for the Systemic Risk and Resilience Group at IIASA. He has also been a visiting professor at the University of Graz and is a senior lecturer at the University for Economics and Business in Vienna.

Mechler has led and contributed to many international research and consultancy projects and is currently leading research for the Flood Resilience Alliance, which brings together researchers, NGOs and the private sector to build disaster and climate resilience. He acted as a lead author on the IPCC's special report on managing the risks of extreme events and disasters to advance climate change adaptation (SREX), the 5th assessment report and the report on 1.5°C global warming, and is currently a lead author on the IPCC's 6th assessment report. His areas of expertise include the socio-economics of natural disaster risk management and climate adaptation, climate risk and resilience analysis, disaster risk management and climate change policy, loss and damage, and climate finance.

@ DKCC Winter School Reinhard Mechler represents the perspective *human dimension & socio-economics* on the overall winter school topic. Faculty contact: Birgit Bednar-Friedl

Benjamin D. Santer

Lawrence Livermore National Laboratory (LLNL), Program for Climate Model Diagnosis and Intercomparison. Web: <https://pcmdi.llnl.gov>



Benjamin Santer is a climate researcher at Lawrence Livermore National Laboratory and former researcher at the University of East Anglia's Climatic Research Unit. He also worked at the Max Planck Institute for Meteorology from 1987 to 1992. His research specializes in statistical analysis of climate data sets, and detection/attribution of climate change forcings. He focuses on topics such as climate model evaluation, the use of statistical methods in climate science, and the identification of natural and anthropogenic "fingerprints" in observed climate records.

Ben Santer served as convening lead author of the climate-change detection and attribution chapter of the 1995 Report by the Intergovernmental Panel on Climate Change. His early research on the climatic effects of combined changes in greenhouse gases and sulfate aerosols contributed to the historic "discernible human influence" conclusion of the IPCC 1995 Report. In a 2002 assessment of most cited scientists in the field of global warming, Santer ranked twelfth amongst climate scientists. His recent work has attempted to identify anthropogenic fingerprints in a number of different climate variables, such as tropopause height, atmospheric water vapor, the temperature of the stratosphere and troposphere, ocean heat content, and ocean surface temperatures in hurricane formation regions.

@ DKCC Winter School Benjamin Santer represents the perspective *natural sciences* on the overall winter school topic. Faculty contact: Andrea Steiner