



# TUESDAY TALKS/DwD: HT25

## **Week 1: Net Zero in a Populist World**

### **Tuesday 21 January**

Climate policy is very much a creature of the “End of History”. Over the past 8 years, national and international politics appear to be moving in a different direction, yet the climate issue hasn’t gone away. Professor Myles Allen, asks us what it is about our current climate policies that makes them so repugnant to populist voters, and how to come up with more effective alternatives.



## **Week 2: The Mother of Invention - How Equity Drives Innovation**

### **Tuesday 28 January**

Equity has become a loaded term. But lost in the politicised discourse on “woke” is the very real power of equity to drive innovation and creative collaboration. An outgoing Reuben I&E Fellow and former Director of the Skoll Centre for Social Entrepreneurship, Dr Peter Drobac, is the founding CEO of the education start-up, Crucible Advisors. Peter will draw on his experience transforming global health and education systems to argue that leading with equity can be the “mother of invention.”



## **Week 3: The Next Chapter of the History of the World**

### **Tuesday 4 February**

Science is deeply entwined with the lives and relationships of those who practice it. Drawing on collections from the History of Science Museum, Reuben Fellow JC Niala will uncover the human stories that fuel scientific progress. It delves into the profound interplay between personal connections, collaboration, and the act of ‘doing science.’ From patriotic physicists to lab-grown love affairs, it reveals what else shapes the journey as scientists work to change—and even save—the world.



## **Week 4: Wellcome, Outbreaks and the Interface between Research and Policy**

**Tuesday 11 February**

The COVID pandemic has shone a light on the need for preparedness and the critical role that science and research plays in effectively responding to infectious disease outbreaks, and pandemics. However, innovative science alone is not sufficient. The connection with policy and practice is arguably where scientific research can have the greatest impact on people's lives. Dr Charlie Weller, Head of Prevention of Infectious Disease at Wellcome, will share her experiences in responding to outbreaks and pandemics, including the founding of CEPI and raising the profile of research to control cholera, and her journey from lab scientist, through industry to funder at the interface between research and policy.



## **Week 5: Student Take-Over**

**Tuesday 18 February**

Join us for presentations from Reuben students on their own research projects. Details on the fantastic topics covered coming soon.



## **Week 6: AI - From SF to AI - A Postcolonial Encounter**

**Tuesday 25 February**

Conventionally, artificial intelligence research and technology is thought to have had its Big Bang moment at Dartmouth College in 1956. Path-breaking research followed, confirming the relationship between reason, logic, intelligence, language and cognition in the grand European philosophical tradition. Yet, a different story could be told, grounded in developments of literature, arts, science and philosophy inspired by the mid-century independence movements in Asia and Africa. In this seminar, Pablo Mukherjee, Professor of Anglophone World-Literature, draws on the science fiction work of Indian writer, film maker, musician and designer Satyajit Ray to propose a different account of artificial intelligence and our understanding of it.



## **Week 7: Cyber Security - Why it Should Concern us all**

**Tuesday 4 March**

Professor Sadie Creese is Professor of Cyber Security in the Department of Computer Science here in Oxford and the founding Director of the Global Cyber Security Capacity Centre at the Oxford Martin School. She conducts research into what constitutes national cybersecurity capacity, working with countries and international organisations around the world. In her talk, she will explain how cyber threats may be identified, how we can understand cyber harm and how it emerges for users, all the way from single organisations to whole nations. Finally, she will outline how resilience strategies may best be developed.



## **Week 8: How to Build Your Digital Twin**

**Tuesday 11 March**

Digital twins will usher in a new era of truly personalized medicine, one in which they can help predict your risk of disease, participate in virtual drug trials, shed light on the diet and lifestyle changes that are best for you, and help identify therapies to enhance your well-being and extend your lifespan—but thorny challenges remain. Join computational scientist Professor Peter Coveney (UCL) and museum executive, author and journalist Dr Roger Highfield for an evening discussing the promise and challenges of digital twins.