

# Aberystwyth University PGR Conference 2025

# SUSTAINABILITY

Connecting Multidisciplinary Research and Practice

## Conference Programme

9:00 - 9:30 – Registration and Welcome

9:30 - 9:50 – Key Notes Speech - 'How digitisation affects the demand for skills' – **Dr Maria Plotnikova**, Lecturer in Economics, Aberystwyth Business School

### **Session 1: Socio-political Sustainability**

9:50 -10:05 – 'Understanding the recruitment and retention challenges of nurses in rural Mid Wales' - **Angharad Jones**

10:05 - 10:20 – 'The criminal jury: An unsustainable institution' - **Liam M. Bird**

10:20 - 10:35 - 'What are the security implications of economic degrowth?' - **Francois de Nicolay**

**10:35 - 11:05 – Tea/Coffee Break & Networking**

### **Session 2: Environmental Sustainability**

11:05 - 11:20 – 'How do we double the global area of mangroves under protection? A remote sensing-based decision framework for mangrove conservation' - **Paula C. Santos**, Pete Bunting and Andy Hardy

11:20 - 11:35 – 'Intergovernmental relations on climate change policy in the UK: The role of power and beliefs' - **Llŷr ab Einion**

11:35 - 11.50 – ‘Seaweed extracts as a sustainable alternative for making single-use plastics’ - **Luke J. Barnett**, Jessica M. M. Adams and Natalia Falagán

11:50 - 12:05 – ‘The challenge of transitioning to a sustainable future: A collaborative arts-based project with rural communities in West Wales’ - **Bethan S. John**, Kim Knowles, Ffion Jones, Cathy Cole and Hannah Pitt

**12.05 - 12.20 - Three Minute Thesis (3MT®) competition**

**12:20 - 13:05 – Lunch**

### **Session 3: Other Forms of Sustainability**

13:05 - 13:20 – ‘Mitochondrial morphology and membrane potential dynamics during self-incompatibility-induced programmed cell death’ - **Ali Raza**, Maurice Bosch and Ludi Wang

13:20 - 13:35 – ‘Sustainable cinema’ - **Phil Layton**

13:35 - 13:50 – ‘Discoverability of intangible records in open repositories: a case of land archives in Uganda’ - **Monica Naluwoza**

13:50 - 14:05 – ‘Palimpsests: how manuscripts were reused in the past, and how we can ensure their preservation for the future’ - **Michal A. Harris-Edwards**

**14:05-14:30 - Poster Session**

14:30 - 14:50 – ECR Careers Speech

14:50 - 15:05 – Award Presentation

15:05 - 15:20 – Closing Remarks (**Prof Reyer Zwiggelaar**, Head, AU Graduate School)