

# LLOYD'S REGISTER FOUNDATION INSTITUTE FOR THE PUBLIC UNDERSTANDING OF RISK



## New leadership appointments at IPUR

From 1 July 2023, [Prof Koh Chan Ghee](#) will hand over the IPUR Directorship to current Deputy Director [Professor Leonard Lee](#), and [Dr Olivia Jensen](#) will be concurrently appointed as IPUR's Deputy Director on top of her existing role as Lead Scientist for Environment and Climate. [Read more](#).



## How AI can support better human decision making

Increasing engagement and  
avoiding cognitive biases



Interpretable machine learning can provide additional ways for a user to understand and interact with AI. However, transparency and monitoring of these interactions are closely needed in order to best support human-AI interaction and human decision making.

[Prof Finale Doshi-Velez](#), Head of the Data to Actionable Knowledge group at Harvard Computer Science, shared more during a public seminar on 1 June about her work on how people respond to AI recommendations and explanations, such as in a health consultation setting. Watch the full recording [here](#).



On 10 May, a team from the Institute attended a workshop in Dhaka, Bangladesh, to present their work on “Mobilizing AI for Maternal Health in Bangladesh”. The team shared their research findings and identified key points for early inclusion in government policy on the application of AI in pregnancy monitoring services.

The workshop was attended by key Bangladeshi government officials including the Secretary of the Health Services Division, Joint Secretary of [A2i](#), policy advisors and directors of relevant arms of the Ministry of Health and Family Welfare. [Find out more](#).



## New research perspectives at Society of Risk Analysis Conference

Presentations on dimensions of risk perception, public attitudes towards net zero and utilising the [World Risk Poll](#) to investigate what sources of information people trust most when a natural hazard strikes. These were some of the activities we participated in at the Society for Risk Analysis - Europe Conference in Lund, Sweden, from 18-21 June. [Find out more.](#)

## EVENTS

### **Expert engagements: Gaining perspectives and building connections**

We are organising two interactive workshops with a diverse group of stakeholders to discuss pertinent topics in the health and social sciences space:

1. The top neglected health risks in Singapore and how resources can be directed to help the public gain a deeper understanding of them. Knowledge and insights from this workshop with professionals in the health sector will contribute towards the development of our flagship [Project Wavelength](#). [Find out more.](#)

2. The nature and role of experts from management science, public policy, psychology and other social science disciplines. Jointly organised by collaborators from the Paris-Panthéon-Assas University, this workshop adopts a multi-disciplinary approach to enrich scholarly understanding of the figure of the expert: their characteristics and corresponding definitions, roles, perimeter of action, and issues of legitimacy and trust. [Find out more.](#)

## INSIGHTS

### [Pathway to supporting pregnant women lies in AI adoption](#)

Over the past 12 months, we have gathered inputs from a range of stakeholders in the maternal health sector in Bangladesh and conducted a wide-ranging documentary review to get a clearer picture of the potential benefits and risks of AI adoption in maternal health. With these insights and partnerships with the [Association of Pacific Rim Universities](#) and the Government of Bangladesh, we are developing a foundation for responsible and effective implementation to support evidence-based decision-making and public engagement to ultimately contribute to improved maternal health outcomes. [Read more.](#)

### [Unique challenges require innovative solutions](#)

What innovative solutions are there to reduce plastic water bottle usage and preserve Singapore's biodiversity? IPUR will be presenting this problem statement to the youth participants at this year's [UNLEASH Hacks Singapore](#) and work with them to translate the challenge into impactful solutions for the United Nation's Sustainable Development Goals. [Find out more.](#)

### [Public attitudes towards net zero](#)

We are conducting a study to understand people's perceptions and understanding of net zero to guide risk communication interventions. A key objective of the study is to encourage people to make lifestyle changes to reduce individual and household emissions. The project is envisioned to be a first key milestone in raising awareness and influencing attitudes and behaviours to achieve net zero targets and address climate change. [Read more.](#)



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