



PETRAS Research Showcase & Exhibition

16 June 2022

At this event you will have the opportunity to engage with leading PETRAS academics from across the UK.

Here we will be showcasing our wide breadth of research in both physical and digital academic poster formats. To find out more, please click on the relevant hyperlinks in the table below.

In addition, you will have the opportunity to play on Prometheus, an interactive game looking at the sustainability and security of the IoT as part of the [Edge of Tomorrow](#) project.

The [PT-Heat](#) team will also be providing a demonstration, as part their research that aims to prevent users of thermal imaging cameras using them maliciously.

Physical Posters	Digital Posters
FARM Formal methods for Agritech Resilience Modelling (FARM)	CyberASAP
ELLIOTT Early Anomaly Detection for Securing IoT in Industrial Automation	CoSTCMoRS Cognitive and Socio-Technical Cybersecurity in Modern Railway System
ICE-AI Intelligible Cloud and Edge AI	HIPSTER Health IoT Privacy and Security Transferred to Engineering Requirements
PETRAS-DSF The PETRAS Data Sharing Foundation: Building a Trustworthy Data Sharing Ecology for IoT Data Assets	MaCs Markets for Connected Space Sharing
P-PITEE Participatory Policies for IoT (at the Edge) Ethics	MAISE Multimodal AI-based Security at the Edge
PRISM Privacy Preserving IoT Security Management	Power-SPRINT Power Grid IoT System Protection and Resilience using Intelligent Edge



<u>REG-MEDTECH</u> Regulatory and Standardization Challenges for Connected and Intelligent Medical Devices	<u>PPIEM</u> Privacy-Preserving Indoor Environment Monitoring
<u>RED-AID</u> REspectful and capability-centred AI Device for Preventing Call Fraud	<u>RoasT-IoT</u> Robustness-as-Traceability: Secure and Legal Calibration Workflows in IoT
<u>RETCON</u> Red Teaming the Connected World	<u>SDRIOTSS 2</u> Software Defined Receiver IoT Spectrum Survey
<u>TOMSAC</u> Trade-off Management between Safety and Cybersecurity	<u>SOfloTS</u> Secure Ontologies for IoT Systems
	<u>TanSec</u> Tangible Security