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**Supergen Network Plus in Artificial Intelligence for Renewable Energy (SuperAIRE) 2nd Workshop**

# Agenda

**Date**: Thursday, 11th September 2025

**Time:** 10:00 – 14:30

**Venue:** Edgbaston Park Hotel, University of Birmingham

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| **Time Slot** | **Agenda Item** | **Chair(s)/Speaker(s)** |
| 10:00 – 10:15 | Welcome and SuperAIRE Introduction | Sara Walker and Xiaowei Zhao |
| 10:15 – 10:50 | Keynote: **Sensing Technologies: Autonomous Control, AI-Driven Optimisation, and Real-Time Decision Support** | Moazzam Shamsi, Director Global Solutions Architect at Emerson Automation Solution |
| 10:50 – 11:25 | Keynote: **AI at a Cost: Rethinking Hyperscale Data Centres and the Energy Equation** | Paolo Missier, Director of the Birmingham Institute for Data and AI (IDAI) |
| 11:25 – 11:35 | Keynote Q&As | Chaired by Sara Walker |
| 11:35 – 11:45 | Coffee Break |  |
| 11:45 – 12:15 | Keynote: **Horizons for Remote Autonomous Systems in the energy sector** | Daniel Mitchell, Research Associate at the University of Glasgow |
| 12:15 – 12:25 | Keynote Q&A | Chaired by Sara Walker |
| 12:25 – 13:00 | Discussion and Prioritisation: SuperAIRE Research Themes | Xiaowei Zhao and Rachel Dean |
| 13:00 – 13:45 | Lunch |  |
| 13:45 – 14:20 | Discussion and Prioritisation: SuperAIRE Research Themes | Xiaowei Zhao |
| 14:20 – 14:30 | Wrap Up and Next Steps | Xiaowei Zhao |