



Joe Bourne, PETRAS Synthesis Fellow

One of PETRAS's Synthesis Fellows, Joe is working to foster collaboration within the PETRAS community and to engage new audiences in PETRAS's research. Based at Imagination Lancaster within Lancaster University with a background in development and global engagement, Joe specialises in creative communications and research engagement. He is currently researching a number of cross cutting themes for PETRAS including public trust; risks of social harm and cyber harm; and, IoT in Cities.

Twitter: @JoeBourne



Andy Bridden, Digital Trust and Cyber Security, IoT expert

Andy is an Internet of Things consultant delivering complex projects for customers across a broad range of industry sectors including transport and logistics, healthcare, utilities and retail. Passionate about leading edge technology with a broad spectrum of commercial, project management and technical skills. Andy spent 30 years working for a leading fixed and mobile telecommunications provider in the UK prior to joining PA Consulting. He leads the IoT security capability.

Andy has an engineering background which includes hardware design, software and project delivery. He is a Chartered Engineer and Chartered Project Professional.

LinkedIn: <https://www.linkedin.com/in/andybridden/>



Wendy Ng, Cloud Security Architect Lead

Wendy is OneWeb's Cloud Security Architect Lead and subject matter expert. OneWeb is a communications company, leveraging Leo Earth Orbit (LEO) satellites for egalitarian broadband connectivity for all. She defined the strategy for Experian's global DevSecOps transformation initiative. With a background in infrastructure and cloud security, she is a keynote speaker and thought leader with over 70 articles published. Wendy honed her technical consulting skills from experiences in a number of industries, including aerospace, healthcare, financial services, telecommunications, transport logistics, and critical national infrastructure. She started her commercial career as a technical consultant at Cisco, before experiences at PwC and Deloitte. A trained medical and data scientist with practical experience in statistics, machine learning and AI algorithms. Wendy completed her doctoral studies at the University of Oxford in medical genetics and has contributed to the scientific community through peer-reviewed publications.

Articles and blogs: <https://www.linkedin.com/in/wendyng1/detail/recent-activity/posts/>

LinkedIn: <https://www.linkedin.com/in/wendyng1/>



Huw Thomas, Development Director at Magway and Chairman at Meld Energy

Huw was a Partner at Foster + Partners from 1987 - 2017 working on many projects including the 1980's King's Cross redevelopment and BR International Terminal, Wembley Stadium, the Treasury and Thames Hub Airport proposals.

He is currently Development Director at Magway and Chairman at Meld Energy. He also acts as an Independent Consultant on various projects which seek to change the way we approach strategic issues by adopting a more holistic approach.

LinkedIn: <https://www.linkedin.com/in/withaw/>