

**Dr Eldad Avital**  
**Reader in Fluids and Acoustics**  
**Queen Mary University of London**

Dr Avital works in aero-hydrodynamics and fluid-structure interaction of energy applications, water and bio fluid. His green energy research focuses on energy production (wind, water and hydrogen fusion) and conversion (power cycles). His group specialises in high-fidelity computational research along with reduced-order modelling and experimental validation. His industrial collaboration includes Yellow Office UK, General Fusion Canada, WindGuard India, and Philips Holland. He is collaborating with Tel Aviv University in energy and smart machines research with the support of the British Council and UUKi. Dr Avital is a graduate of the Technion (BSc), Tel Aviv University (MSc) and University of London (PhD). He is a fellow of the Royal Aeronautical Society, Chartered engineer, a member of the AIAA terrestrial energy systems technical committee and a senior fellow of the UK Higher Education Academy.