

PhD Scholarship for Women 2024 Supervisors & Project Topics

Marijan Beg	Computational study of magnetism and magnetic materials
Rebecca Bell	Subsurface characterisation for energy transition
Martin Blunt	Multiphase flow in porous media
Pablo Brito-Parada	Sustainable use of mineral resources
Gareth Collins	Planetary impact processes
Tom Davison	Solar System impact processes
Fangxin Fang	Digital twin, decarbonisation, urban environment
Saskia Goes	Using machine learning for forecasting of induced earthquakes
Gerard Gorman	HPC code generation, simulation and inversion
Lluís Guasch	Ultrasound brain imaging
Gary Hampson	Next generation reservoir modelling
Claire Heaney	Air flows in Urban Environments
Matthew Jackson	Geothermal, energy storage, minerals, volcanoes
Carl Jacquemyn	Rapid reservoir modelling
Stephan Kramer	Inversion and Optimisation in Environmental Fluid Dynamics
Sam Krevor	Gigatonne scale CO ₂ storage
Philippa Mason	Harvesting planetary surface image information
Stephen Neethling	Modelling tethered floating wind turbines
Rhodri Nelson	Medical Imaging / Software for Education
Christopher Pain	Uncertainty, Net-Zero and Environmental Flows
Adriana Paluszny	Fracture Growth in Icy Moons
James Percival	Applying CFD across geophysical problems
Matthew Piggott	Renewable Energy and Natural Hazards
Yves Plancherel	Environmental Diagnostics and Analysis
Parastoo Salah	Coastal Modelling, Sustainability, and Probabilistic Hazard
Velisa Vesovic	Modelling viscosity and flow
Dominik Weiss	Chemical processes in engineered and natural environments
Gege Wen	Accelerating modeling for Energy transition
Robert Zimmerman	Navier-Stokes simulations of fluid flow in a rock fracture