

PhD STUDENTSHIPS listed in UK Fluids Network newsletter, 23/11/2023

From: Ben Thornber, Queen's University Belfast, 23/11/2023

Subject: Fully-funded PhD Studentship in the School of Mechanical and Aerospace Engineering

Topic: Data-driven physics based methods for wind farm aerodynamics

Details: [Project description](#). Studentship [application page](#).

Closing date: 15/12/2023

From: Anna Kalogirou, University of Nottingham, 23/11/2023

Subject: Fully-funded PhD position in School of Mathematics

Topic: Experiments and modelling of instabilities in bilayer flows

Details: Fully-funded project available to Home (UK) students only. Co-supervised by James Sharp (Physics). Start date: as soon as possible. Further details are available [here](#). For informal enquiries, please

contact anna.kalogirou@nottingham.ac.uk or james.sharp@nottingham.ac.uk.

Closing date: Open till filled.

From: Claire Savy, Leeds Institute of Fluid Dynamics, 22/11/2023

Subject: PhD studentship in School of Earth & Environment

Topic: Understanding climate change in African rainfall via a new generation of high-resolution models

Details: [Link](#)

Closing date: 05/01/2024

From: Claire Savy, Leeds Institute of Fluid Dynamics, 21/11/2023

Subject: PhD studentship in NERC Panorama DTP (School of Mathematics, University of Leeds)

Topic: Investigating, understanding and visualising floods through the Wetropolis Flood Investigator

Details: [NERC Panorama DTP FindA PhD](#)

Closing date: 05/01/2024

From: Claire Savy, Leeds Institute of Fluid Dynamics, 21/11/2023

Subject: PhD studentship in School of Computing

Topic: Modelling and simulation of fluid-structure interaction problems

Details: [Link](#). Please contact Yongxing Wang (scsywan@leeds.ac.uk) if you have further questions.

Closing date: 31/03/2024

From: Edward Skevington, University of Hull, 20/11/2023

Subject: Fully-funded 3-year PhD (+ 1 year writeup) in Energy and Environment Institute

Topic: Gravity Currents Driven by Ambient Flow

Details: [Link with details](#)

Closing date: 05/01/2024

From: Miguel Teixeira, University of Reading, 20/11/2023
Subject: Fully funded PhD Studentship in the [SCENARIO DTP](#) (Ref: SC2024_12)
Topic: Representing ground-atmosphere coupling over mountainous terrain: the need for a new paradigm
Details: [SCENARIO](#), [FindAPhD](#)
Closing date: 12/01/2024

From: Sergio Maldonado, University of Southampton, 14/11/2023
Subject: Fully-funded PhD studentship in Water and Environmental Engineering Research Group
Topic: Use of Machine Learning in general fluid dynamics and/or hydraulics
Details: Project may include (but is not limited to) the development of physics informed neuronal networks for various applications in fluids. Applications via [this link](#). Informal queries to Dr Sergio Maldonado (s.maldonado@soton.ac.uk).
Closing date: 31/08/2024 or till filled.

From: Sergio Maldonado, University of Southampton, 14/11/2023
Subject: Fully-funded PhD studentship in Water and Environmental Engineering Research Group
Topic: Applications of interferometry in experimental fluid mechanics
Details: Part of an ongoing collaboration with ETH Zürich to enhance experimental fluid mechanics by means of optical interferometry. Applications via [this link](#). Informal queries to Dr Sergio Maldonado (s.maldonado@soton.ac.uk) or Dr Joanna Zielinska (jzielinska@ethz.ch).
Closing date: 31/08/2024 or till filled.

From: David Swailes, Newcastle University, 10/11/2023
Subject: Fully-funded 3.5-year PhD Studentship (NERC One Planet DTP)
Topic: Improved models for particulate dispersal by naturally occurring plumes
Details: Apply [here](#).
Closing date: 11/01/2024

From: Matthew Crowe, Newcastle University, 10/11/2023
Subject: Fully-funded 3.5-year PhD Studentship (NERC One Planet DTP)
Topic: Using data-driven methods to model upper ocean dynamics
Details: Apply [here](#).
Closing date: 11/01/2024

From: Daniel Ratliff, Northumbria University, 10/11/2023
Subject: Fully-funded 3-year PhD studentship in Applied Mathematics
Topic: Applying Nonlinear Water Wave Theories to Understand Extreme Wave Events in Space Plasmas
Details: The project description can be found [here](#), and you can apply [here](#) citing the advert reference RDF24/EE/MPEE/RATLIFF
Closing date: 26/01/2024

From: Yongyun Hwang, Imperial College London, 09/11/2023
Subject: PhD studentship in the Department of Aeronautics
Topic: (1) Thermal convection with cross flow OR (2) Stokesian dynamics simulation and continuum modelling of viscoelastic fluid
Details: [Link with details](#). [Website](#) (Ref. AE0041).
Closing date: 31/01/2024

From: Otti Croze, Newcastle University, 09/11/2023
Subject: Fully-funded 3.5-year PhD Studentship (NERC One Planet DTP)
Topic: Environmental biophysics of microalgal migration in snow
Details: Apply [here](#)
Closing date: 11/01/2024

From: Kostas Steiros, Imperial College London, 03/11/2023
Subject: PhD studentship in Department of Aeronautics
Topic: Improved Aerodynamics & Control of Unmanned Aerial Vehicles (UAVs) for atmospheric measurements
Details: The student will be supervised by Dr Kostas Steiros (Aerodynamics) and Dr Thulasi Mylvaganam (Control) and will collaborate with the industrial partner Menapia. For a full description, please see [here](#). How to apply may be found [here](#).
Closing date: 08/01/2024

From: Hayder Salman, University of East Anglia, 02/11/2023
Subject: PhD studentship in Department of Mathematics
Topic: Hydrodynamic Models of Spinor Bose-Einstein Condensates
Details: [Link](#)
Closing date: 27/11/2023

From: Francesco Boselli, Durham University, 02/11/2023
Subject: Fully-funded PhD studentship (4 years) in Department of Biosciences
Topic: Unravelling the forms and functions of ciliated systems
Details: [Link](#). Contact francesco.boselli@durham.ac.uk for further information or informal discussions.
Closing date: Applications processed till filled. October 2024 start, but January 2024 start may be considered for applications received before 15/11/2023.

From: Guido Bolognesi, University College London, 31/10/2023
Subject: PhD studentship in Department of Chemistry
Topic: Fluid and particle transport in paper-based microfluidic devices for diagnostic applications.
Details: Full details may be found on the [news page of our group website](#). For any questions, please email g.bolognesi@ucl.ac.uk.
Closing date: 08/01/2024 (13:00 UK Time).

From: Zak Mansouri, Nottingham Trent University, 31/10/2023
Subject: Fully-funded PhD Studentship in the School of Science and Technology
Topic: Metal powder as a regeneratable sustainable zero-carbon fuel for heat and power

Details: [Project description](#). Studentship [application page](#).

Closing date: 12/01/2024 (12 noon).

From: Moritz Linkmann, University of Edinburgh, 30/10/2023

Subject: Fully-funded 4-year PhD studentship in the School of Mathematics

Topic: Applying Machine Learning to Ocean Mesoscale Turbulence

Details: [Link](#)

Closing date: Open till filled.

From: Gregory Lane-Serff, University of Manchester, 29/10/2023

Subject: PhD studentship in Department of Fluids & Environment, co-supervised by Dr Neil Mitchell, Department of Earth & Environmental Sciences

Topic: Paleo-modelling of the Red Sea

Details: [Link with details](#). Please contact gregory.f.lane-serff@manchester.ac.uk for further information.

Closing date: Open till filled or 28/04/2024.

From: Eike Mueller, University of Bath, 24/10/2023

Subject: PhD studentship in Department of Mathematical Sciences (NERC GW4+ DTP)

Topic: Accelerating NWP models with higher-order hybridised multigrid

Details: [Project description](#)

Closing date: 09/01/2024

From: John Thuburn, University of Exeter, 24/10/2023

Subject: PhD opportunity with Met Office collaboration

Topic: Advancing weather and climate prediction: breaking the convergence barrier

Details: [Link](#)

Closing date: 09/01/2024

From: Simon Neill, Bangor University, 20/10/2023

Subject: Fully funded PhD in the School of Ocean Sciences

Topic: The nature and dynamical properties of rogue waves

Details: [Project description](#). Please apply [here](#).

Closing date: 10/01/2024

From: Eugeny Buldakov, UCL, 18/10/2023

Subject: PhD opportunity with EPSRC DTP at UCL

Topic: Scour around coastal and offshore structures under complex wave and current conditions

Details: [Project description](#). Please apply [here](#).

Closing date: 08/01/2024

From: Laura Currie, Durham University, 18/10/2023

Subject: Fully-funded PhD studentship in Department of Mathematical Sciences

Topic: Astrophysical Fluid Dynamics

Details: https://www.maths.dur.ac.uk/users/laura.currie/advert2023_final.pdf

Closing date: Applications will start to be assessed after 03/11/2023 and the position will remain open until filled.

From: Joaquim Peiro, Imperial College London, 20/07/2023

Subject: Fully-funded PhD position in Department of Aeronautics

Topic: Coarse-grid CFD for nuclear plant-scale simulations

Details: Further details are available [here](#) (Ref. AE0037). Start date is October 2023 (flexible). For informal enquiries, please email me at j.peiro@imperial.ac.uk. For queries regarding the application process, please contact Lisa Kelly at l.kelly@imperial.ac.uk.

Closing date: Open till filled.

From: Zamir Koshuriyan, University of York, 16/03/2023

Subject: PhD studentship in Department of Mathematics

Topic: Modelling the Large-Scale Structure of Turbulence in Jets (Aeroacoustics)

Details: [Link with details](#). Please contact Dr. Zamir Koshuriyan (zamir.koshuriyan@york.ac.uk) for more details.

Closing date: Open till filled.