

Dear all

In this week's digest:

- Monash University in conjunction with CSIRO has an exciting opportunity for a PhD candidate to undertake research on the development of physics-constrained reduced order modelling of thermally driven flows. This fundamental research would enable the rapid computation, sensitivity analysis and robust design in many applications including: energy generation systems; heating, ventilation and cooling; and climate change response under varying levels of future greenhouse gas forcing. Candidates must have: an outstanding knowledge of mathematics and/or theory of fluid mechanics; programming experience (e.g. python, Julia, C/C++, F90); experience in numerical simulations and/or machine learning. The successful candidate will be eligible for a top-up scholarship up to \$10,000 per year. Closing date for Australian permanent residents and citizens and NZ citizens is: 31st October 2023. For more details see: <https://www.findaphd.com/phds/project/development-of-physics-constrained-reduced-order-models-of-thermally-driven-flows/?p160294>, contact julio.soria@monash.edu and vassili.kitsios@csiro.au

If you would like something included in this digest, please email it to office@mssanz.org.au

Kind regards, Karen