

Math4NL Poster Prizes – Announcement

As part of the workshop, Math4NL is delighted to award three poster prizes: one Best Poster Award and two Runner-Up Awards. These prizes will highlight outstanding contributions that exemplify how numerical analysis and scientific machine learning can advance real-world industrial and societal challenges.

The poster session plays a central role in this workshop's mission—bringing together researchers, practitioners, and industrial partners to exchange ideas at the interface of modelling, simulation, data assimilation, operator learning, hybrid modelling, and physics-informed machine learning.

A jury will evaluate all posters using criteria fully aligned with the themes of this meeting:

- **Clarity and relevance of the industrial or scientific challenge**
The poster clearly outlines the problem and explains why it matters for industry, scientific computing, or society.
- **Rigour, innovation, and appropriateness of the methodology**
The work demonstrates strong mathematical foundations in numerical analysis, scientific machine learning, modelling, or hybrid approaches; novelty is clearly articulated.
- **Integration of mathematics and machine learning**
The poster effectively shows how numerical methods, physical models, or data-driven components complement each other.
- **Potential for real-world impact**
The contribution indicates practical value—for example, efficiency gains, improved predictive capability, or relevance to sectors such as energy, climate, oceanography, semiconductors, or computational physics.
- **Quality of visual presentation and communication**
The poster conveys ideas clearly, is visually well structured, and makes the key message accessible to a broad applied mathematics and SciML audience.

The prize ceremony will take place during the dinner on **Tuesday 2 December**.

Math4NL warmly encourages all participants to explore the posters, engage with presenters, and enjoy the breadth of mathematical innovation represented at this workshop.