SCIENTIFIC MACHINE LEARNING
UNIVERSITY OF LEEDS

Hi All,

Our next monthly meetup is this Friday (4th April)! Join us at 11am in the Worsley building (room 11.87) for coffee, cake and chats about all the events we have planned, along with community updates and news in the field of machine learning.

📰 Updates

- Our [new website](#) is now live! Have a look around, add your profile if you haven't already, and let us know if you spot any bugs!

- We are looking for people to join the SciML committee! The roles are flexible, and you can take on as much or as little as you want. Chat to any of us at our events or send us an email (sciml@leeds.ac.uk) if you want to know more.

- We have a Teams channel under the LIDA group - [click here to visit it](#) and make sure to turn channel notifications on!

- We have sent out a **new Teams invite** for 2025, deprecating the existing invites (that Leif sent out). From January 2025, if you would like to join the coffee mornings virtually, you will need to access via the new invite. Shoot us an email if you missed out on the invite link.

- The literature club will be taking a hiatus over Easter, with our next session scheduled for the 29th April. No one currently is signed up to present, please volunteer if you've attended these sessions in the past and found them useful!

📜 Resources & Opportunities

- [Turing Online Learning Platform](#):
  - Free and open learning resources on Data Science and AI, designed for self-paced study and tailored to diverse audiences.

- [The World Climate Research Programme Global KM-scale Hackathon](#)
  - Digital Earths Lighthouse Activity is planning a global pan-hackathon for the analysis of 'Storm Resolving Models', taking place 12-16 May 2025.
  - 12-16 May 2025, UK location: St Hugh's College, Oxford
  - [More information on the UK node](#)
  - [Register here](#) by April 1st, 2025
  - Contact: Torsten Auerswald t.auerswald@reading.ac.uk
  - University of Leeds has limited funding for attendance:
    - Contact your primary supervisor first for approval
    - Email John Marsham (J.Marsham@leeds.ac.uk) with subject: WCRP hackathon application
    - Attach PDF with following: Name, PhD/project title, max 100 words on how you would benefit from attending, max 100 words on what you would contribute

- [CGFI Hackathon 2025:](#)
  - Global characteristics of tropical cyclones: climate risk analytics for the reinsurance industry
  - 10-11 June Leeds
  - [Apply here](#), applications close 14 April 2025
    - Apply either as an individual or a team
  - Point of contact:
    - Patricia Grant p.grant@leeds.ac.uk
    - Anne Barber in CEMAC a.barber1@leeds.ac.uk

- [6th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Artificial Intelligence and Climate Modelling](#)
  - 5-16 May 2025, International Center for Theoretical Physics, Italy
  - [Apply here](#), deadline to apply 15 April 2025

- In the application form, all applicants are requested to submit a brief research abstract for a poster presentation and/or contributed talk. A limited number of abstracts will be selected for the poster session or to give a talk.
- A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

- [Cancer Grand Challenges](#),
  - A joint initiative between Cancer Research UK and National Cancer Institute (US), have announced seven new cancer grand challenges to the global research community. These challenges represent the most urgent, complex problems in cancer research that require **collaboration across borders and disciplines.**
  - [AI-human collaborations in cancer](#) (one of the 7 grand challenges)
    - develop interdisciplinary AI agents that can generate novel research hypotheses and design research plans for them to be experimentally validated
  - Dr Danielle Battle d.battle@leeds.ac.uk: *I will be holding an information session for interested colleagues - further details to follow shortly. In the meantime, please do get in touch if you are interested and would like to discuss a potential application.*

- [Women in Machine Learning (WIML) network](#)
  - A network of women researching machine learning globally
  - Mentorship Program
    - They run year-long mentorship programs to help women working in machine learning give and receive advice, gain knowledge, and make connections.
  - Directory
    - They maintain a directory of women working in machine learning. Are you a woman or gender minority in the field of Machine Learning? Add yourself to the WIML Directory by creating an account.
  - Profiles
    - They post profiles highlighting the research and technical accomplishments of women working in machine learning. Read

their [profiles here](#) and follow us on Facebook to receive updates when new profiles are posted.

- ○ [Mailing List](#): intended for any female student, post-doc, academic researcher, industrial researcher, and anyone else who is interested in posting content relevant for this community!

📅 Upcoming Events

- **Monthly meetup -** 11:00, 04/04/25, Worsley Building, 11th Floor, room 11.87

- **Literature Club** - 15:00, 29/04/25, Bragg Building, Room 2.10
    - ○ No volunteer presenters :(
    - ○ If you have read a confusing/interesting paper recently please [sign up here](#)!

- **Monthly meetup -** 11:00, 02/05/25, Worsley Building, 11th Floor, room 11.87

- **Seminar Series** - Time TBA, 09/05/25, Location TBA
    - ○ Virtual seminar from [Chris Rackauckas at MIT](#).