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PHYSTAT

Statistics meets Machine Learning

A workshop devoted to the statistical issues that arise when applying Machine Learning to analyses in Particle Physics or in Astro/Cosmo.

Topics to be discussed include Uncertainty quantification, Interpretable AI, Training samples, Mis-modelling, Generative methods and Statistical checks.

9-12 September 2024
Imperial College
London, UK

Organising committee

Matteo Agostini (UCL)
Sunita Aubeeluck (ICL)
Rob Bainbridge (ICL, chair)
Jonathon Langford (ICL)
Louis Lyons (ICL, co-chair)
Benedikt Maier (ICL)
Lukas Makinen (ICL)
Marvin Pfaff (ICL)
Nicholas Wardle (ICL)
Daniel Winterbottom (ICL)

Scientific committee

Pierre Baldi (UC Irvine)
Olaf Behnke (DESY)
Lydia Brenner (NIKHEF)
Patrick Dunne (ICL)
Alan Heavens (ICL)
Lukas Heinrich (TUM)
Mikael Kuusela (CMU)
Ann Lee (CMU)
Louis Lyons (ICL)
Ben Nachman (LBNL)
Anna Sciafe (Jodrell Bank)
Jesse Thaler (MIT)
Roberto Trotta (Trieste)
Nicholas Wardle (ICL)

In the context of "PHYSTAT for the Future", preference for contributed talks and posters will be given to younger researchers.



<https://indico.cern.ch/e/stats-meets-ml>

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