Algorithmic Statistics

November 28th 2025, 9:45-16:50, Jesus College (Digital Hub), Oxford

Speakers / Talks:

__Francesco Orabona (KAUST)
State-of-the-art confidence intervals and confidence
sequences through testing-by-betting algorithms

__Emilie Kaufmann (Lille)
Efficient stopping rules for bandit pure exploration

__Shirley Liu (Oxford)
On non-stationary bandit convex optimization

__Guneet Dhillon (Oxford)
E-scores for (in)correctness assessment of generative model outputs

__Vladimir Vovk (Royal Holloway)
Testing assumptions of IID and exchangeability online

__Gergely Neu (Pompeu Fabra)
Online-to-X conversions: A recipe for algorithmic statistics

Organisers: François Caron, Eugenio Clerico, Patrick Rebeschini
Sponsors: Foundations of AI CDT, StatML CDT