

# Program

## Thursday 15 May

08:30 - 09:00	 Registration and morning coffee
09:00 - 09:05	 Opening remarks
09:05 - 10:05	<b>Dr. Susan Wei (Monash University)</b> What Is Prediction For? Turning Pre-Trained Transformers into Bayesian Engines
10:05 - 10:25	<b>Prof. Martyn Plummer (Warwick University)</b> Bayesian estimating equations
10:25 - 10:45	<b>Ruchira Ray (Columbia University)</b> Statistical guarantees for data-driven posterior tempering
10:45 - 11:00	 Coffee break
11:00 - 12:00	<b>Dr. Kamélia Daudel (ESSEC Business School)</b> Learning with Importance Weighted Variational Inference
12:00 - 12:20	<b>Devina Mohan (University of Manchester)</b> Challenges in Practical Bayesian Deep Learning: A Case Study in Radio Galaxy Classification
12:20 - 12:40	<b>Kai Lehman (LMU)</b> Post-Bayesian Inference for Misspecified Cosmological Models
12:40 - 13:35	 Lunch
13:35 - 14:35	<b>Prof. Benjamin Guedj (UCL, Alan Turing Institute, INRIA)</b> Comparing Comparators in Generalization Bounds
14:35 - 14:55	<b>Mahalakshmi Sabanayagam (Technical University of Munich)</b> Generalization Certificates for Adversarially Robust Bayesian Linear Regression
14:55 - 15:15	<b>Prof. Imma Curato (TU Chemnitz)</b> Mixed moving average field guided learning for spatio-temporal data
15:15 - 15:35	<b>Ioar Casado-Telletxea (Basque Center for Applied Mathematics)</b> A PAC-Bayesian Perspective on Marginal Likelihood and Generalization
15:35 - 15:50	 Coffee break
15:50 - 16:50	<b>Dr. Badr-Eddine Chérif-Abdellatif (Sorbonne Université)</b> On the Asymptotics of Importance Weighted Variational Inference
16:50 - 17:10	<b>Alisa Sheinkman (University of Edinburgh)</b> Variational bow tie neural networks with shrinkage
17:10 - 17:30	<b>Dr. Yuli Slavutsky (Columbia University)</b> Quantifying Uncertainty in the Presence of Distribution Shifts
17:30 - 19:00	 Poster Session + drinks

## Friday 16 May

08:30 - 09:00	 Morning coffee
09:00 - 10:00	<b>Prof. Sonia Petrone (Bocconi University)</b> Bayesian predictive inference
10:00 - 10:20	<b>Dr. Sergio Bacallado (University of Cambridge)</b> Generalisation bounds for predictive risk
10:20 - 10:40	<b>Dr. Lorenzo Cappello (Universitat Pompeu Fabra)</b> New (and old) predictive schemes with “a.c.i.d.” sequences
10:40 - 11:00	 Coffee break
11:00 - 12:00	<b>Prof. Peter Gruenwald (CWI)</b> E-Posteriors, Tempered Posteriors, Test Supermartingales
12:00 - 12:20	<b>Prof. François Caron (University of Oxford)</b> Confidence with a Robust Bayesian Touch
12:20 - 12:40	<b>Valentin Kilian (University of Oxford)</b> Confidence sequences with informative, bounded-influence priors
12:40 - 13:35	 Lunch
13:35 - 14:35	<b>Dr. Diana Cai (Flatiron Institute)</b> Batch and match: score-based approaches for black-box variational inference
14:35 - 14:55	<b>Dr. Harita Dellaporta (UCL)</b> Decision Making under Model Misspecification: DRO with Robust Bayesian Ambiguity Sets
14:55 - 15:15	<b>Dr. Pier Giovanni Bissiri (University of Milano-Bicocca)</b> A new look at fiducial inference
15:15 - 15:35	<b>Dr. Yingzhen Li (Imperial)</b> Variational uncertainty decomposition for LLM in-context learning
15:35 - 15:50	 Coffee break
15:50 - 16:50	<b>Dr. Takuo Matsubara (University of Edinburgh)</b> Wasserstein Gradient Boosting: A Framework for Distribution-Valued Supervised Learning
16:50 - 17:10	<b>Dr. Sam Power (Bristol University)</b> Gradient Flows for Statistical Computation - Trends and Trajectories
17:10 - 17:30	<b>Dr. Zheyang Shen (Newcastle University)</b> Prediction-Centric Uncertainty Quantification via MMD
17:30 - 17:35	 Closing remarks