

Workshop Schedule

Session ID	Topic	Presenter	Authors	Start Time (Europe CEST, GMT+2)	Finish Time (Europe CEST, GMT+2)
Welcome		V Anne Smith		8:50 am	9:00 am
Presentation (P1)	A Review of Bayesian Modelling Methods for Gene Regulatory Network Inference	Hamda Ajmal	Hamda Ajmal and Michael Madden	9:00 am	9:20 am
Presentation (P2)	Genes and Bayesian networks: a strategic approach to poultry and stress.	Emiliano Ariel Videla Rodriguez	Emiliano Ariel Videla Rodriguez, John B.O. Mitchell and V. Anne Smith	9:20 am	9:40 am
Presentation (P3)	A novel integration of Dynamic Bayesian Networks and Non-Additive modelling to study ecological resilience	Edwin Hui	Edwin Hui, Richard Stafford, Iain M Matthews and V Anne Smith	9:40 am	10:00 am
Coffee Break				10:00 am	10:30 am
Presentation (P4)	Kernel learning for Interpretable Climate Science	Vidhi Lalchand	Vidhi Lalchand, Kenza Tazi, Talay Cheema, Richard Turner and Scott Hosking	10:30 am	10:50 am
Spotlight (S1)	COVID-I: A Causal DBN Calculator for Informing Hospital COVID-19 Progression	Ross Pearson	Eric Ross Pearson, Steven Mascaro, Yue Wu, Owen Woodberry, Erik Nyberg, Jessica Ramsay, Ann Nicholson and Tom Snelling	10:50 am	10:55 am
Spotlight (S2)	User-centric Music Recommendations	Jaime Ramírez Castillo	Jaime Ramirez Castillo, M. Julia Flores and Ann E. Nicholson	10:55 am	11:00 am
Spotlight (S3)	Robust Identification of Determinants of Physical Activity Behaviour Change	Arjen Hommersom	Arjen Hommersom, Simone Tummers, Catherine Bolman, Roger Bemelmans and Lilian Lechner	11:00 am	11:05 am
Poster Session				11:05 am	12:00 pm
Panel Discussion	Topic: "Working at the Interface"	Panelists: Hamda Ajmal, Norman Fenton, Ross Pearson, Marco Scutari	Moderator: V Anne Smith	12:00 pm	12:45 pm
Lunch Break				12:45 pm	14:15 pm
Presentation (P5)	Untangling interdependencies of antibiotic misuse and socioeconomic factors in Urinary Tract Infections in Tanzania: a case for Bayesian	Madeleine C Clarkson	Madeleine C Clarkson, V Anne Smith and Katherine L Keenan	14:15 pm	14:35 pm
Presentation (P6)	Treatment of Missing Data in Bayesian Network Structure Learning: The Case of Social Scientific Healthcare Data	Xuejia Ke	Xuejia Ke, V Anne Smith and Katherine Keenan	14:35 pm	14:55 pm
Presentation (P7)	Using Bayesian Networks to model coffee flowering in Central America	Leonel Lara Estrada	Leonel Lara Estrada and Luis Enrique Sucar	14:55 pm	15:15 pm
Coffee Break				15:15 pm	15:45 pm
Presentation (P8)	Hierarchical Bayesian Regression for Multi-Location Sales Transaction Forecasting	John Mark Agosta	John Mark Agosta and Mario Inchiosa	15:45 pm	16:05 pm
Presentation (P9)	Development of a Bayesian Network to Model Malicious Cyber-Activity in Operational Technology Environments	Lee Maccarone and Scott Bowman	Lee Maccarone, Dennis Buede, Scott Bowman, Charles Burdick, Macleod Bracken, Jeremy Jones and Gabriel Weaver	16:05 pm	16:25 pm
Spotlight (S4)	A Mixed-Methods Approach to Poor Disclosure Detection	Ross Pearson	Eric Ross Pearson, Eden Smith, Jinming Zhao, Chan Cheah, Wray Buntine and Ann Nicholson	16:25 pm	16:30 pm

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Spotlight (S5)	Bayesian Networks vs. Conditional Trees for Creating Questions for Forecasting Tournaments	Richard Gruetzemacher	Richard Gruetzemacher	16:30 pm	16:35 pm
Spotlight (S6)	Redeeming Data Science by Decision Modelling	John Mark Agosta	John Mark Agosta and Robert Horton	16:35 pm	16:40 pm
Poster Session				16:40 pm	17:30 pm
Close			V Anne Smith	17:30 pm	17:35 pm
Workshop Reception				18:00 pm	