

Workshop Schedule

Session ID	ID	Topic	Presenter	Authors	Start Time (US PST)	Start Time (Europe CET)	Start Time (Australia AEST)	Platform
Welcome			Ann Nicholson		6:00 am	3:00 pm	11:00 pm	Zoom
Introductions			Ann Nicholson		6:05 am	3:05 pm	11:05 pm	Zoom
Presentation (P1)	18	How to model COVID-19 pathophysiology during lockdown: remote elicitation of causal Bayesian networks from medical experts [PDF]	Steven Mascaro	Steven Mascaro, Yue Wu, Owen Woodberry, Erik Nyberg, Jessica Ramsay, Ross Pearson, Thomas Snelling and Ann Nicholson	6:20 am	3:20 pm	11:20 pm	Zoom
Presentation (P2)	8	Prediction and Analysis of COVID-19 with Probabilistic Graphical Models [PDF]	L. Enrique Sucar	Luis Enrique Sucar, Jonathan Serrano-Pérez, Verónica Rodríguez-López, Luis Alberto Pineda-Cortés and Rosa María Gutiérrez-Rios	6:40 am	3:40 pm	11:40 pm	Zoom
Presentation (P3)	1	Methodological scoping review of Bayesian belief network applications to antimicrobial resistance and antibiotic use [PDF]	Madeleine Clarkson	Madeleine C Clarkson, Katherine L Keenan and V Anne Smith	7:00 am	4:00 pm	12:00 am	Zoom
Spotlight (S1)	16	Bridging the gaps in test interpretation of SARS-CoV-2 through Bayesian network modelling [PDF]	Yue Wu	Yue Wu, David Foley, Jessica Ramsay, Owen Woodberry, Steven Mascaro, Ann Nicholson and Tom Snelling	7:20 am	4:20 pm	12:20 am	Zoom
Spotlight (S2)	7	Genes Identified via Bayesian Network Analysis of Temporal Dynamic Expression are Prognostic of Survival in Ovarian Cancer [PDF]	V Anne Smith	Hannah Currant, Athanasios Vogogias and V Anne Smith	7:24 am	4:24 pm	12:24 am	Zoom
Spotlight (S3)	17	BARD: A structured method and application for collaboratively building Bayesian networks to support human reasoning and decisions [PDF]	Erik Nyberg	Erik Nyberg, Ann Nicholson, Kevin Korb, Michael Wybrow, Ingrid Zukerman, Steven Mascaro and Ross Pearson	7:28 am	4:28 pm	12:28 am	Zoom
Spotlight (S4)	5	Applying Bayesian Networks to Inform Public Policy towards Water Quality Issue Prioritisation [PDF]	Ross Pearson	Ross Pearson, Mitzi Bolton, Ann Nicholson, Steven Mascaro and Rob Raven	7:32 am	4:32 pm	12:32 am	Zoom
Break					7:36 am	4:36 pm	12:36 am	Zoom
Poster Group 1 (G1)					7:51 am	4:51 pm	12:51 am	Zoom
Panel		The panel: Anne Smith, Marek Druzdzel, John Mark Agosta	Moderator: Ann Nicholson		8:21 am	5:21 pm	1:21 am	Zoom
Presentation (P4)	6	A Novel Application of Bayesian Network Structure Learning to a Dataset of Fictional Exoplanets [PDF]	Emma Puranen	Emma Puranen, Emily Finer, Christiane Helling and V Anne Smith	8:51 am	5:51 pm	1:51 am	Zoom
Presentation (P5)	10	DropFilter for Uncertainty Estimation in Brain Tumor Segmentation [PDF]	Natalia Khanzhina	Natalia Khanzhina, Andrey Filchenkov, Maxim Kashirin, Ilya Osmakov and Pavel Ulyanov	9:11 am	6:11 pm	2:11 am	Zoom
Spotlight (S5)	2	Bayesian Networks as a novel tool to enhance interpretability and predictive power of ecological models [PDF]	Edwin Hui	Edwin Hui, Richard Stafford, Iain M Matthews and V Anne Smith	9:31 am	6:31 pm	2:31 am	Zoom

Session ID	ID	Topic	Presenter	Authors	Start Time (US PST)	Start Time (Europe CET)	Start Time (Australia AEST)	Platform
Spotlight (S6)	15	A comparison between Elvira software and AMIDST toolbox in environmental data: A case study of flooding risk management [PDF]	Rosa Fernández Ropero	Rosa Fernández Ropero, M. Julia Flores, Rafael Cabañas and Rafael Rumi	9:35 am	6:35 pm	2:35 am	Zoom
Spotlight (S7)	3	Practical application of a Bayesian network approach to poultry epigenetics and stress [PDF]	Emiliano Videla Rodriguez	Emiliano Ariel Videla Rodríguez, Fábio Pértille, John B.O. Mitchell, Per Jensen, Carlos Guerrero-Bosagna and V Anne Smith	9:39 am	6:39 pm	2:39 am	Zoom
Spotlight (S8)	12	Optimizing a Diagnostic Classifier with Sparse, Unsupervised Data [PDF]	John Mark Agosta	John Mark Agosta and Jinyu Li	9:43 am	6:43 pm	2:43 am	Zoom
Spotlight (S9)	19	Cost-effectiveness analysis with probabilistic graphical models [PDF]	Manuel Luque	Francisco Javier Diez, Manuel Luque, Manuel Arias and Jorge Pérez-Martín	9:47 am	6:47 pm	2:47 am	Zoom
Wrap Up			Marek Druzdzal		9:51 am	6:51 pm	2:51 am	Zoom
Poster Group 2 (G2)					10:00 am	7:00 pm	3:00 am	Zoom
Close					11:00 am	8:00 pm	4:00 am	