ADVANCES IN DATA SCIENCE 2018: POSTERS

Number	Author(s)	Presenting author	Title
1	Steve O'Hagan, Marina Wright Muelas, Philip Day, Emma Lundberg, Douglas Kell	Marina Wright Muelas	GeneGini: novel 'housekeeping' genes and an unusually heterogeneous distribution of transporter expression profiles in human tissues and cell lines, assessed using the Gini coefficient.
2	Juan Jose Giraldo Gutierrez, Mauricio Alvarez	Juan Jose Giraldo Gutierrez	Exploiting posterior distribution geometry for sparse Gaussian process variational inference
3	Paul Tar, Neil Thacker	Paul Tar	Small Data? It's what you do with it that counts
4	Ayman Boustati, Richard Savage	Ayman Boustati	Multitask learning for deep Gaussian processes
5	Dan Stowell	Dan Stowell	Structured analysis of bird sound scenes: the two-way street between bioacoustics and machine listening
6	Thomas House, Reza Vahid Roudsari, Luke Dawson	Thomas House	Leaning the temporal behaviour of a complex system using distribution-valued processes
7	Ed Berry, James Waterhouse, Barbara Summers, Richard Hodgett, Richard Mann	Ed Berry	Identifying problem gamblers: methods, challenges, and future directions
8	Sofya Titarenko, Georgios Aivaliatis, Jan Palczewski	Sofya Titarenko	Pattern mining in longitudinal datasets with robust timestamps: optimisation for multicore systems.
9	Pablo Mareno-Munoz, Antonio Artes, Maruicio Alvarez	Pablo Mareno-Munoz	Heterogeneous multi-task Gaussian process learning
10	Cristian Guarnizo, Mauricio Alvarez	Mauricio Alvarez	Fast kernel building for latent force models
11	Weijian Zhang, Jonathan Deakin, Nick Higham, Shuaiqiang Wang	Weijian Zhang	Etymo: A new discovery engine for AI research

12	Adam Tsakalidis, Maria Liakata, Theo Damoulas, Brigitte Jellinek, Weisi Guo, Alexandra Cristea	Adam Tsakalidis	Combining heterogeneous user generated data to sense well-being
13	Victoria Houlden, Joao Porto de Albuquerque, Scott Weich, Stephen Jarvis	Victoria Houlden	A spatial analysis of proximity to greenspace and mental wellbeing in London
14	Nada Al Taweraqi, Oghenejokpeme Orhobor, Dario Panada, Ross King	Nada Al Taweraqi	Applying machine learning methods to predict gene expressions
15	Fariba Yousefi, Mauricio Alvarez	Fariba Yousefi	Structured consolidation latent variable model with sampling
16	Matiss Ozols, Sarah Hibbert, Chris Griffiths, Rachel Watson, Michael Sherratt	Matiss Ozols	A novel bioinformatic approach to identifying biomarkers of ageing and disease
17	Sarah Hibbert , Matiss Ozols, Chris Griffiths, Rachel Watson, Mike Ball, Michael Sherratt	Sarah Hibbert	Defining tissue proteomes by systematic literature review
18	Sumon Ahmed, Magnus Rattray, Alexis Boukouvalas	Sumon Ahmed	GrandPrix: Scaling up the Bayesian GPLVM for single-cell data
19	Anna-Maria Tsakiroglou, Sue Astley, Richard Byers, Martin Fergie	Anna-Maria Tsakiroglou	Quantifying cell-type interactions & their spatial patterns as prognostic biomarkers in follicular lymphoma
20	Lucia Rivadeneira	Lucia Rivadeneira	Nowcasting electoral behaviour with social media content
21	Lijing Lin, Danielle Belgrave, Magnus Rattray, Angela Simpson, Adnan Custovic, Sebastian Johnston	Lijing Lin	Phenotyping immune responses in asthma and respiratory infections – A systems approach
22	Yuliya Shapovalova, Michael Eichler	Yuliya Shapovalava	Volatility spillovers with multivariate stochastic volatility models
23	Louis Ellam	Louis Ellam	Stochastic modelling of urban structure