

## Sunday 24 June

Time	Room	Session Title and Speaker
08:00 - 11:00	Appleton Tower Concourse	<b>Registration</b>
08:30 - 10:30	Appleton Tower: Room 2.12	<b>Bayesian Time Series Analysis for Environmental Science and Neuroscience</b>
09:00 - 10:30	Appleton Tower: Room 2.07	<b>Reproducible Computing</b>
09:00 - 10:30	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh</b>
09:15 - 10:30	Appleton Tower: Room 2.11	<b>Bayesian Econometric Methods and Applications</b>
10:30 - 11:00	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh: Posters I</b>
11:00 - 12:30	Appleton Tower: Room 2.07	<b>Reproducible Computing</b>
11:00 - 12:20	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh</b>
11:00 - 12:00	Appleton Tower: Room 2.12	<b>Bayesian Time Series Analysis for Environmental Science and Neuroscience</b>
11:00 - 12:00	Appleton Tower: Room 2.11	<b>Bayesian Econometric Methods and Applications</b>
12:20 - 13:50	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh: Posters II</b>
13:30 - 15:30	Appleton Tower: Room 2.12	<b>Bayesian Time Series Analysis for Environmental Science and Neuroscience</b>
13:50 - 15:30	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh</b>
14:00 - 15:30	Appleton Tower: Room 2.07	<b>Reproducible Computing</b>
14:15 - 15:30	Appleton Tower: Room 2.11	<b>Bayesian Econometric Methods and Applications</b>
15:30 - 16:10	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh: Posters III</b>
16:00 - 17:00	Appleton Tower: Room 2.07	<b>Reproducible Computing</b>
16:00 - 17:15	Appleton Tower: Room 2.12	<b>Bayesian Time Series Analysis for Environmental Science and Neuroscience</b>
16:00 - 17:30	Appleton Tower: Room 2.11	<b>Bayesian Econometric Methods and Applications</b>
16:00 - 18:00	Appleton Tower Concourse	<b>Registration</b>
16:10 - 16:50	Informatics Forum: Room G.07/G.07a	<b>ABC in Edinburgh</b>

# Monday 25 June

Time	Room	Session Title and Speaker
08:00 - 12:00	Appleton Tower Concourse	<b>Registration</b>
09:00 - 09:30	LT2 (Streaming), LT4 (Streaming), <b>LT5 (Live)</b>	<b>Welcome Address</b>
09:30 - 10:30	LT2 (Streaming), LT4 (Streaming), <b>LT5 (Live)</b>	<b>Foundation Lecture: Alan Gelfand</b>
10:30 - 11:00	Informatics Forum building	<b>Morning Tea</b>
11:00 - 12:00	LT2 (Streaming), LT4 (Streaming), <b>LT5 (Live)</b>	<b>Foundation Lecture: Judith Rousseau</b>
12:00 - 14:00		<b>Lunch</b>
13:00 - 14:00	LT5	<b>safeISBA lunchtime panel</b>
14:00 - 15:00	LT2 (Streaming), LT4 (Streaming), <b>LT5 (Live)</b>	<b>Foundation Lecture: Anthony O'Hagan</b>
15:00 - 15:30	Informatics Forum building	<b>Afternoon tea</b>
15:30 - 16:30	LT2 (Streaming), LT4 (Streaming), <b>LT5 (Live)</b>	<b>Foundation Lecture: Edward I. George</b>
16:30 - 17:00		<b>Short break</b>
17:00 - 18:30	LT5	<b>Invited Session: Bayesian Computation Section</b> <b>Bayes, Machine Learning and Deep Learning</b> <i>Lester Mackey, Shakir Mohamed, Rajesh Ranganath</i>
17:00 - 18:30	LT4	<b>Contributed Session: Industrial Statistics Section</b> <b>Bayesian Optimization</b> <i>Jose Lobato, Herbie Lee, Ben Letham</i>
17:00 - 18:30	LT3	<b>Invited Member Session:</b> <b>Bayesian nonparametrics in hypothesis testing</b> <i>Luis Gutierrez, Chris Holmes, Luis Nieto-Barajas</i>
17:00 - 18:30	LT2	<b>Savage Awards</b> <i>Lorin Crawford, Abhirup Datta, Aki Nishimura, Jackson Gorham, Giacomo Zanella</i>
17:00 - 18:30	LT1	<b>Contributed Member Session:</b> <b>Statistical Signal Processing for Spectroscopy</b> <i>Simon Spencer, Mikkel Schmidt, Matthew Moores</i>
18:30 - 19:30	Informatics Foyer (in the Informatics Forum building) & Appleton Tower	<b>Welcome Reception</b> Sponsored by the Alan Turing Institute
18:30 - 19:30	G.07, Informatics Forum building	<b>j-ISBA: Meet and greet for young Bayesians</b>
19:30 - 20:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Fellow Ceremony</b>

## Tuesday 26 June

Room	Time	Session Title and Speaker
09:00 - 10:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Keynote Lecture:</b> <i>Michael Jordan</i>
10:00 - 10:30	Informatics Forum	<b>Morning Tea</b>
10:30 - 12:00	LT5	<b>Invited Session: Bayesian Analysis Lassos and horseshoes for the sparse Bayesian cowboy</b> <i>James Scott, Nic Polson, Botond Szabo, Ryan Martin</i>
10:30 - 12:00	LT4	<b>Invited Member Session: Bayesian methodology for modeling human movement</b> <i>Catherine (Kate) Calder, Claudia Wehrhahn, Adrian Dobra</i>
10:30 - 12:00	LT3	<b>Contributed Member Session: Bayesian dynamic modeling for forecasting high-dimensional time series</b> <i>Lindsay Berry, Daniele Bianchi, Jared Fisher, Kenichiro McAlinn</i>
10:30 - 12:00	LT2	<b>Contributed Member Session: Bayesian approaches to practical problems in sports</b> <i>Tim Swartz, Stephanie Kovalchik, Mark Glickman</i>
10:30 - 12:00	LT1	<b>Contributed Member Session: Recent developments for Bayesian methods in complex sample design settings</b> <i>Michael Elliott, Yajuan Si, Qixuan Chen, Trivellore Raghunathan</i>
12:00 - 13:30		<b>Lunch</b>
12:00 - 13:00	Appleton Tower: Room M1	<b>SafeISBA: Committee Meeting</b>
13:30 - 15:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>DeFinetti Lecture:</b> <i>Philip Dawid</i>
15:00 - 15:30	Informatics Forum	<b>Afternoon tea</b>
15:30 - 17:00	LT5	<b>Contributed Member Session: Misspecification and empirical likelihood</b> <i>Anna Simoni, David Frazier, Laura Turbatu, Catherine Forbes</i>
15:30 - 17:00	LT4	<b>Contributed Session Computation Section: Samplers based on continuous-time processes</b> <i>Joris Bierkens, Alexandre Bouchard-Côté, Nick Whiteley</i>
15:30 - 17:00	LT2	<b>Contributed Member Session: Bayesian models and applications in East Asia</b> <i>Taeryon Choi, Toshiaki Watanabe, Ming-Hui Chen,</i>
15:30 - 17:00	LT3	<b>Contributed Member Session: Recent advances in Bayesian hierarchical models for dependent data</b> <i>Gabriel Huerta, Jonathan Bradley, Benjamin Shaby, Debajyoti Sinha,</i>
15:30 - 17:00	LT1	<b>Contributed Member Session: Bayesian approaches to spatio-temporal clustering</b> <i>Lucia Paci, Gianluca Mastrantonio, Claudia Wehrhahn Cortes</i>
17:00 - 17:30		<b>Short break</b>
17:30 - 19:00	LT5	<b>Invited Session Economics, Finance, and Business Section: Modeling and decision analysis in time series forecasting</b> <i>Mike West, Mark Jensen, Carlos Carvalho, Paolo Bonomolo</i>
17:30 - 19:00	LT4	<b>Invited Member Session: Recent advances in tree based Bayesian inference, Science Theory and methodology</b> <i>Ismael Castillo, Ziheng Yang, Georgios Karagiannis, Jennifer Starling</i>
17:30 - 19:00	LT3	<b>Contributed Session Objective Bayes Section:</b>

		<b>The diversity of objective approaches</b> <i>Cristiano Villa, Siddhartha Chib, David Rossell, Andrea Ingeborg Riebler</i>
17:30 - 19:00	LT2	<b>Contributed Member Session:</b> <b>Bayesian approaches to ranking models</b> <i>Clara Grazian, Valeria Vitelli, Ruby Chiu-Hsing Weng, Steve Coad</i>
17:30 - 19:00	LT1	<b>Contributed Member Session:</b> <b>Bayesian methods for non-nested model selection problems arising in forensic source identification</b> <i>Julia Mortera, Cedric Neumann, Danica Ommen &amp; Marjan Sjerps, Colin Aitken</i>
19:00 - 20:00	Appleton Tower: Room 2.14	<b>ISBA Board Meeting</b>
20:30 - 23:00	Appleton Tower	<b>Posters: Bayesian Computation</b>
20:30 - 23:00	Informatics Forum	<b>Posters: Big Data. Economics, Finance &amp; Business. Industrial Statistics</b>

## Wednesday 27 June

Time	Room	Session Title and Speaker
09:00 - 10:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Keynote Lecture:</b> <i>Steve MacEachern</i>
10:00 - 10:30	Informatics Forum	<b>Morning Tea</b>
10:30 - 12:00	LT5	<b>Invited Session: Objective Bayes Section:</b> <b>Graphical models and prior information</b> <i>Sayantana Banerjee, Peter Mueller, Francesco Stingo</i>
10:30 - 12:00	LT4	<b>Contributed Member Session:</b> <b>An interesting ensemble</b> <i>Beatrix Jones, Brani Vidakovic, Jonathan Stroud, Christopher Paciorek</i>
10:30 - 12:00	LT3	<b>Contributed Session: Economics, Finance, and Business Section</b> <b>Heterogeneous treatment effect estimation</b> <i>Jennifer Hill, Xinyi Xu, Richard Hahn, David Yeager</i>
10:30 - 12:00	LT2	<b>Contributed Member Session</b> <b>Population, migration and the environment</b> <i>Dick Startz, Monica Alexander, Jason Hilton, Jakub Bijak</i>
10:30 - 12:00	LT1	<b>Contributed Member Session:</b> <b>Novel development of Bayesian methods in causal inference: some design perspectives</b> <i>Alessandra Mattei, Bo Lu, Junni Zhang</i>
12:00 - 13:30		<b>Lunch</b>
13:30 - 15:00	LT5	<b>Invited Session Industrial Statistics Section:</b> <b>Bayesian methodology for multivariate dependent data</b> <i>Scott Holan, Alexandra Schmidt, Kathy Ensor</i>
13:30 - 15:00	LT4	<b>Invited Member Session:</b> <b>Discrete probabilistic structures for Bayesian nonparametrics</b> <i>Pierpaolo De Blasi, Li Ma, Ramses Mena</i>
13:30 - 15:00	LT3	<b>Contributed Member Session</b> <b>Modelling temporal dependence in Bayesian nonparametrics</b> <i>Jim Griffin, Alejandro Jara, Matteo Ruggiero</i>
13:30 - 15:00	LT2	<b>Invited Member Session:</b> <b>Bayesian methods for detection and attribution of climate change</b> <i>Gabi Hegerl, Dorit Hammerling, Alexis Hannart</i>
13:30 - 15:00	LT1	<b>Contributed Member Session:</b> <b>Bayesian methods for large and complex data</b> <i>Andee Kaplan, Jonathan Huggins, Rebecca Steorts</i>
15:00 - 15:30	Informatics Forum	<b>Afternoon tea</b>
15:30 - 17:00	LT5	<b>Invited Session: j-ISBA Section</b> <b>Bayesian modelling of complex data</b> <i>Nick Foti, Annalisa Cadonna, Michael Jauch</i>
15:30 - 17:00	LT4	<b>Invited Member Session</b> <b>Causal inference in a networked world</b> <i>Panos Toulis, Daniel Sussman, Elizabeth Ogburn, Alexander Volfovsky</i>
15:30 - 17:00	LT3	<b>Contributed Member Session</b> <b>Embracing heterogeneity using covariate-based partition models</b> <i>Alessandra Guglielmi, Garritt Page, Yang Ni</i>
15:30 - 17:00	LT2	<b>Contributed Member Session:</b> <b>Points, areas, places and times: modern Bayesian modeling of environmental phenomena</b> <i>Thordis Thorarinsdottir, Finn Lindgren, Peter Craigmile</i>

## Wednesday 27 June

Time	Room	Session Title and Speaker
15:30 - 17:00	LT1	<b>Contributed Member Session: Modern Bayesian methods in clinical trial design and drug development</b> <i>Lindsay Renfro, Xynthia Kavelaars, Nicky Best</i>
17:00 - 19:00	Appleton Tower: Room 2.14	<b>Stata Tutorial:</b> <i>Yulia Marchenko</i>
17:00 - 19:00	Appleton Tower: Room M1	<b>ISBA Board Meeting</b>
17:00 - 18:30	Appleton Tower: Room 2.12	<b>Objective Bayes Section Meeting</b>
20:30 - 23:00	Informatics Forum	<b>Posters: Biostatistics and pharmaceutical data</b>
20:30 - 23:00	Appleton Tower	<b>Posters: Nonparametrics and OBayes</b>

# Thursday 28 June

Time	Room	Session Title and Speaker
09:00 - 10:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Keynote Lecture: Nicolas Chopin</b>
10:00 - 10:30	Informatics Forum	<b>Morning Tea</b>
10:30 - 12:00	LT5	<b>Invited Session: Education Research and Practice Section</b> <b>New strategies in teaching Bayes</b> <i>Richard McElreath, Dalene Stangl, Jim Albert</i>
10:30 - 12:00	LT4	<b>Invited Session: Bayesian Nonparametrics Section:</b> <b>From theory to applications</b> <i>Antonio Lijoi, Abel Rodriguez, Yanxun Xu</i>
10:30 - 12:00	LT3	<b>Invited Member Session</b> <b>Bayesian theory for machine learning methods</b> <i>Daniel Roy, Yixin Wang, Harry van Zanten</i>
10:30 - 12:00	LT2	<b>Contributed Member Session</b> <b>Bayesian clinical trial designs for precision medicine</b> <i>Don Berry, Lorenzo Trippa, Yuan Ji, Sergio Bacallado</i>
10:30 - 12:00	LT1	<b>Contributed Member Session:</b> <b>Likelihood and computation</b> <i>George Karabatsos, Owen Thomas, Julien Stoehr, Tom Rainforth</i>
12:00 - 13:30		<b>Lunch</b>
12:00 - 13:00	Appleton Tower: Maths Base; Level 2	<b>Bayesian Analysis: Editors Meeting</b>
12:00 - 12:30	LT3	<b>Bayesian Nonparametrics Section Meeting</b>
13:30 - 15:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Susie Bayarri Lecture: Veronika Rockova</b>
15:00 - 15:30	Informatics Forum	<b>Afternoon tea</b>
15:30 - 17:00	LT5	<b>Invited Member Session</b> <b>Bayesian analysis of modern urban challenges</b> <i>Shane Jensen, Sameer Deshpande, Chris Glynn</i>
15:30 - 17:00	LT4	<b>Contributed Member Session:</b> <b>Methodology and emerging fields</b> <i>Kerrie Mengersen, Shravan Vasishth, Pierfrancesco Alaimo Di Loro, Geoff Nicholls</i>
15:30 - 17:00	LT3	<b>Contributed Member Session</b> <b>Statistical rhetoric communicating, convincing and supporting change in statistical paradigms</b> <i>Colleen Keller, Clair Alston-Knox, Jeff Rosenthal</i>
15:30 - 17:00	LT2	<b>Contributed Member Session</b> <b>Bayesian infectious disease modelling recent advances and novel applications</b> <i>Jon Wakefield, Neil Ferguson, George Streftaris, Osvaldo Anacleto</i>
15:30 - 17:00	LT1	<b>Contributed Member Session</b> <b>Mixtures and social networks</b> <i>Chiao-Yu Yang, Jairo Alberto Fuquene Patino, Heather Mathews, Tanzy Love</i>
17:00 - 17:30		<b>Short break</b>
17:30 - 19:00	LT5	<b>Invited Session: Environmental Science Section</b> <b>Bayesian approaches to the analysis of point pattern data</b> <i>Shinichiro Shinota, Bruno Sanso, Dani Gamerman</i>

# Thursday 28 June

Time	Room	Session Title and Speaker
17:30 - 19:00	LT4	<b>Invited Member Session</b> <b>Posterior summarization for complex high dimensional Bayesian models</b> <i>Jared Murray, Hedibert Lopes, David Puelz</i>
17:30 - 19:00	LT3	<b>Contributed Member Session:</b> <b>Big and speedy</b> <i>Sonia Petrone, Trevor Campbell, Matias Quiroz</i>
17:30 - 19:00	LT2	<b>Contributed Member Session</b> <b>Bayesian statistics in crime science</b> <i>Spencer Woody, Luis Carvalho, Cecilia Balocchi, Lutz Gruber</i>
17:30 - 19:00	LT1	<b>Contributed Member Session</b> <b>Adversarial risk analysis</b> <i>David Rios Insua, David Banks, Refik Soyer</i>
20:30 - 23:00	Appleton Tower	<b>Posters: Methodology &amp; Emerging fields</b>
20:30 - 23:00	Informatics Forum	<b>Posters: Education Research &amp; Practice. Environmental Sciences. Novel Applications</b>



# Friday 29 June

Time	Room	Session Title and Speaker
09:00 - 10:00	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Keynote Lecture:</b> <i>Montserrat Fuentes</i>
10:00 - 10:30	Informatics Forum	<b>Morning Tea</b>
10:30 - 12:00	LT5	<b>Invited Member Session</b> <b>What Bayesians can and should bring to the post p-value world</b> <i>Ken Rice, Merlise Clyde, Bhramar Mukherjee, Gary Rosner</i>
10:30 - 12:00	LT4	<b>Contributed Session: Environmental Science Section</b> <b>Novel approaches to incorporating model discrepancy in complex mathematical models</b> <i>Jenny Brynjarsdottir, Daniel Williamson, Mathew Pratola</i>
10:30 - 12:00	LT3	<b>Contributed Member Session</b> <b>Bayesian methods in spatial modeling and functional data analysis</b> <i>Meng Li, Wentao Li, Xiaojing Wang, Mengyang Gu</i>
10:30 - 12:00	LT2	<b>Contributed Member Session:</b> <b>Bayesian methods for directional data</b> <i>Jolien Cremers, Eduardo Gutiérrez-Peña, Antonello Maruotti, Kees Mulder</i>
10:30 - 12:00	LT1	<b>Contributed Member Session</b> <b>Bayesian nonparametrics for stochastic processes</b> <i>Jakob Söhl, Kweku Abraham, Guillaume Kon Kam King</i>
12:00 - 13:30		<b>Lunch</b>
12:30 - 13:30		<b>ISBA General Meeting</b>
13:30 - 15:00	LT5	<b>Invited Session:</b> <b>Biostats and Pharmaceutical Statistics Section</b> <b>Tools and methods to elicit prior opinion</b> <i>Nicky Best, Leonhard Held, Robert Matthews</i>
13:30 - 15:00	LT4	<b>Contributed Session: Environmental Science Section</b> <b>Advances in spatial and spatio-temporal disease modeling</b> <i>Sudipto Banerjee, Murali Haran, Lyndsay Shand</i>
13:30 - 15:00	LT3	This spot is intentionally left blank
13:30 - 15:00	LT2	<b>Contributed Member Session</b> <b>Advances in Bayesian nonparametrics for biostatistical applications</b> <i>Raffaele Argiento, Maria De Iorio, Vanda Inacio</i>
13:30 - 15:00	LT1	This spot is intentionally left blank
15:00 - 15:30	Informatics Forum	<b>Afternoon tea</b>
15:30 - 17:00	LT5	<b>Invited Member Session</b> <b>Learning by iteration: informative priors and their role in updating knowledge</b> <i>Laura Dawkins, Camila Caiado, Ramethaa Pirathiban, Paul Garthwaite</i>
15:30 - 17:00	LT4	<b>Contributed Member Session:</b> <b>Bayes in high dimensions</b> <i>Alex Lewin, Anwasha Bhattacharyya, Ben Moews, Su Chen</i>
15:30 - 17:00	LT3	<b>Contributed Session: Bayesian Nonparametrics Section</b> <b>Bayesian nonparametric methods in biostatistics</b> <i>Michele Guindani, Juhee Lee, Valerie Poynor</i>
15:30 - 17:00	LT2	<b>Contributed Member Session:</b> <b>Bayes and policy decisions</b> <i>Dave Higdon, Terrance Savitsky, Amy Wilson, Steven Culpepper</i>
15:30 - 17:00	LT1	<b>Contributed Member Session:</b> <b>Bayes in action</b> <i>Michele Peruzzi, Bertrand Clarke, Helga Wagner, Oliver Stevenson</i>

# Friday 29 June

Time	Room	Session Title and Speaker
17:00 - 18:30	LT5	<b>Invited Member Session</b> <b>Multi-study Bayesian analysis</b> <i>Amy Herring, Andrew Gelman, Barbara Engelhardt, Roberta De Vito</i>
17:00 - 18:30	LT4	<b>Contributed Member Talks:</b> <b>Bayes and the environment</b> <i>Richard Smith, Mark Risser, Haakon Bakka, Giovanni Petris</i>
17:00 - 18:30	LT3	<b>Contributed Member Session:</b> <b>Nonparametrics and O-Bayes</b> <i>Natalia Bochkina, Eugenio Regazzini, Luciana Dalla Valle, David Dahl</i>
17:00 - 18:30	LT2	<b>Contributed Member Session:</b> <b>Bayesian biostatistics</b> <i>Robert Weiss, Rosangela Helena Loschi, Briana Stephenson, Katja Ickstadt</i>
17:00 - 18:30	LT1	<b>Invited Member Session:</b> <b>Novel methods for handling big models and big data</b> <i>Minh-Ngoc Tran, Tamara Broderick, Antonietta Mira, Robert Kohn</i>
18:00 - 18:30	LT2 (Streaming), LT4 (Streaming), LT5 (Live)	<b>Closing address</b>
19:30 - 23:59	National Museum of Scotland	<b>Conference Dinner, Ceilidh, and Prize Ceremony</b>