

Essex

Big Data and Analytics Summer School

5 - 16 September 2016

Institute for Analytics and Data Science

University of Essex

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www.essex.ac.uk/iads/events/summer-school.aspx

The Essex Big Data and Analytics Summer School aims to provide a research training event and forum for knowledge exchange and networking for graduates, postgraduates, researchers, academics and business professionals in the emerging fields of Big Data, Data Science and Analytics.

The Summer School will cover a range of topics on both methodologies behind Big Data, Data Science and Analytics as well as the practical applications of Big Data in areas such as business, biological sciences and other sectors.

The Summer School is over 2 weeks and participants can attend either 1 week or both. Both weeks are delivered in parallel sessions and include keynote lectures and social and networking events. A typical course is 6 hours in length and is offered at introductory, intermediate and advanced levels.

<p>Course Title: Best practice analytics Speaker: Detlef Nauck Organisation: British Telecom</p>	<p>Course Title: Stream processing and data analytics for smart city Speaker: Sefki Kolozali/Nazli Farajidavar Organisation: University of Surrey</p>	<p>Course Title: Reinforcement learning and casual inference Speaker: Spyros Samothrakis Organisation: University of Essex</p>
<p>Course Title: Cognitive analytics Speaker: Martin Spott Organisation: HTW Berlin</p>	<p>Course Title: Trading, cost and regulations in the big data era Speaker: Yi Cao Organisation: University of Essex</p>	<p>Course Title: Clustering and classification with applications in R Speaker: Berthold Lausen Organisation: University of Essex</p>
<p>Course Title: From big data to big value Speaker: Richard Mason Organisation: Intel</p>	<p>Course Title: Data protection and liability in the age of big data Speaker: Audrey Guinchard/Anthony Vickers Organisation: University of Essex</p>	<p>Course Title: Introduction to data visualisation using R Speaker: Aris Perperoglou Organisation: University of Essex</p>
<p>Course Title: Big Data Methods with R Speaker: Simon Walkowiak Organisation: Mind Project</p>	<p>Course Title: Actuarial/financial modelling with applications in R Speaker: Spyros Vrontos Organisation: University of Essex</p>	<p>Course Title: Modern combinatorial optimisation methods Speaker: Daniel Karapetyan Organisation: University of Essex</p>
<p>Course Title: Open Data Science Speaker: David Tarrant Organisation: Open Data Institute</p>	<p>Course Title: Machine learning with Mahout Speaker: Richard Skeggs Organisation: ESRC Business and Local Data Research Centre, University of Essex</p>	<p>Course Title: How to understand Big Data: Strategies for understanding your big data and getting new knowledge from it Speaker: Nathan Cunningham/Libby Bishop/Felix Ritchie Organisation: University of Essex</p>
<p>Course Title: Open Data for Smart Cities Speaker: Ben Cave Organisation: Open Data Institute</p>	<p>Course Title: Bayesian computational methods with applications in R Speaker: Hongsheng Dai Organisation: University of Essex</p>	<p>Course Title: Replicating and publishing data, and the role of big data versus national statistics Speaker: Louise Corti/Veerle Van Den Eynden Organisation: University of Essex</p>
<p>Course Title: Introduction to meta-analysis Speaker: Elena Kulinskaya Organisation: ESRC Business and Local Data Research Centre, University of East Anglia</p>	<p>Course Title: Modelling and analysis of complex systems Speaker: Chris Antonopoulos Organisation: University of Essex</p>	<p>Course Title: Exploring household energy data using the Hadoop ecosystem Speaker: Peter Smyth/Sarah King-Hele/Aidan Condron Organisation: University of Essex/Manchester</p>
<p>Course Title: Principles of big data storage and processing systems Speaker: Nikos Ntarmos Organisation: University of Glasgow</p>	<p>Course Title: Big data and finance Speaker: Neil Kellard Organisation: University of Essex</p>	<p>Course Title: Hadoop fundamentals for the cloud Speaker: Martin Fleury Organisation: University of Essex</p>
<p>Course Title: Big data management systems for fun and profit Speaker: Nikos Ntarmos Organisation: University of Glasgow</p>	<p>Course Title: Building agent based models for theory and empirical research Speaker: Abhijit Sengupta Organisation: University of Essex</p>	<p>Course Title: Human rights in the era of big data and analytics Speaker: Daragh Murray Organisation: University of Essex</p>
<p>Course Title: Techniques for securing IoT devices in a cloud environment Speaker: Gareth Howells Organisation: University of Kent</p>	<p>Course Title: Introduction to R Speaker: Leo Schalkwyk Organisation: University of Essex</p>	<p>Course Title: Large scale visual recognition and retrieval Speaker: Shoab Ehsan Organisation: University of Essex</p>
<p>Course Title: Introduction to Natural Language Processing (NLP) Speaker: Diana Maynard Organisation: University of Sheffield</p>	<p>Course Title: Science and big data Speaker: Andrew Harrison Organisation: University of Essex</p>	<p>Course Title: Crowdsourcing and Human Computation Speaker: Jon Chamberlain Organisation: University of Essex</p>
<p>Course Title: Practical text analytics and sentiment analysis from social media Speaker: Diana Maynard Organisation: University of Sheffield</p>		