Warwick Data Science Institute

THE UNIVERSITY OF WARWICK

Big Data and Computational Scalability

1 JULY 2015

The most obvious challenge of working with "big" data is that the volume can exceed what is feasible to compute with. Traditional methods can fail to scale up. Instead, we need new ways to scale state-of-the-art methods, or new methods with tractable computational complexity. Working in our favour is the fact that data often exhibits sparsity, and high support for important features. Speakers from across mathematics, statistics, machine learning and computer science will highlight techniques for scaling up to big data.

Speakers

Emmanuel Candes (Stanford University)

Martin Wainwright
(University of California at Berkeley)

Alexander J. Smola
(Google and Carnegie Mellon University)

Graham Cormode (University of Warwick)

For more information please visit:

www.warwick.ac.uk/wdsi/events/yobd