



Never Mind the **Big Data** here's the Big Models

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Big Data and all that is promised it will deliver has captivated the interest of politicians, policy makers and leading scientists in all disciplines. With the growth of the amount of data that is feasible to collect and curate from advanced instrumentation technologies there has been a parallel growth in the size and complexity of mathematical models, usually based on differential equations, being developed in the study of natural and physical phenomena e.g. weather systems, polar ice sheet flows, cellular dynamic processes. It can be argued that the research challenges presented by the advent of Big Models and the need to quantify uncertainty over them is more demanding than those presented by Big Data alone and this workshop will concentrate on this theme. Four focussed talks by world leading experts in Uncertainty Quantification, Spatial Statistics, and Computational Mathematics will explore the current issues being addressed in the rise of the Big Models.

Speakers

Youssef Marzouk

(Massachusetts Institute of Technology)

Robert Scheichl (University of Bath)

Finn Lindgren (University of Bath)

Patrick Conrad (University of Warwick)

For more information please visit:

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