Scientific Computation using Machine-Learning Algorithms

Date: 25 - 26 April 2019
Venue: University Park, University of Nottingham

The aim of this workshop is to discuss recent advances in mathematical foundations of machine learning and artificial neural networks, and their application in computational science.

The workshop will bring together experts in such diverse areas as approximation theory, PDEs, scientific computing, networks, computer science, and uncertainty quantification to facilitate the exchange of results and ideas as well as to initiate new collaborations.

Invited Speakers:

Martin Eigel (WIAS, Germany)
Ahmed Elsheikh (Heriot Watt University, UK)
Jan Hesthaven (EPFL, Switzerland)
Desmond Higham (University of Strathclyde, UK)
Jakub Marecek (IBM Dublin, Ireland)
Kaj Nyström (Uppsala University, Sweden)
Ivan Oseledets (Skoltech, Moscow)
Philipp Petersen (University of Oxford, UK)

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