2017 CHPC National Conference

Monday 04 December 2017

Cognitive Computing and Machine Learning: I - De Voir (11:00-12:30)

-Conveners: Fulufhelo Nelwamondo

time	[id] title	presenter
11:00	[88] Machine learning tools for visualising big data.	Prof. MISHRA, Amit
11:30	[232] Machine Learning in the Era of Data Intensive Astronomy	Prof. TAYLOR, Russ
12:00	[114] Will AI transform your research and software?	Mr MIKE, Kiernan

Cognitive Computing and Machine Learning: II - De Voir (13:30-15:00)

-Conveners: Amit Mishra

time	[id] title	presenter
13:30	[230] Computational Intelligence and Algorithmic Mechanism Design: an Application in Revenue Optimisation	Prof. NELWAMONDO, Fulufhelo
14:00	[166] Intel HPC and AI Technologies	Mr AHMED, Aljeshi
14:30	[31] Accelerating Big Data Processing and Associated Deep Learning on Modern HPC Clusters and Clouds	Dr LU, Xiaoyi

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<u>**Cognitive Computing and Machine Learning: III**</u> **- De Voir (13:30-15:00)**

   -Conveners: Kiernan Mike

time	[id] title	presenter
13:30	[194] Deep Learning: Research Directions and Upcoming Challenges	Dr BACCIU, Davide
14:00	[139] Applications of machine learning: Developing natural language processing technology for South Africa's official languages	Dr DE WET, Febe
14:20	[204] Learning image interest and saliency from pairwise image comparisons	Dr BURKE, Michael
14:40	[200] Machine Learning Based Bitcoin Price Prediction	Mr FINLAYSON, Matthew