ABOUT   PROGRAM   SPEAKERS   REGISTRATION   CONTACT US

SPEAKERS
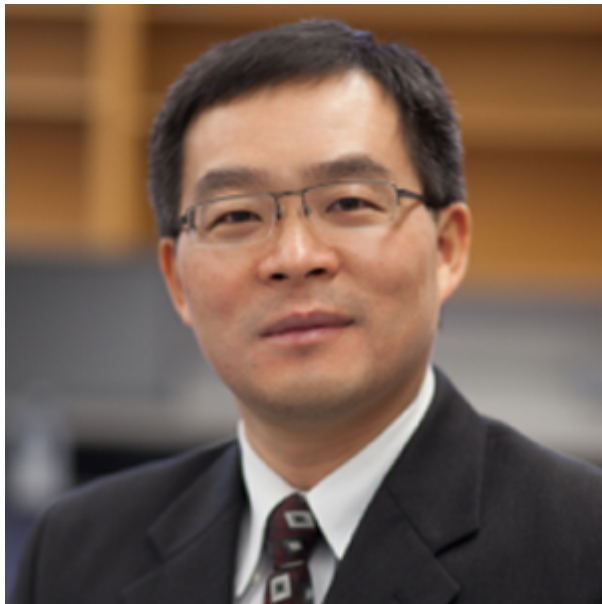
"Big Data: An Imbalanced Learning Perspective"

PROFESSOR HAIBO HE

IEEE Fellow
Editor-in-Chief, IEEE Transactions on Neural Networks and Learning Systems
Robert Haas Endowed Chair Professor,
Department of Electrical, Computer, and Biomedical Engineering,
University of Rhode Island, USA

Abstract   +

Biography   +

"Data-driven Surrogate-assisted Evolutionary Optimization of Expensive Optimization Problems"

PROFESSOR YAOCHU JIN

IEEE Fellow
Editor-in-Chief, IEEE Transactions on Cognitive and Developmental Systems
Editor-in-Chief, Complex & Intelligent Systems
Professor in Computational Intelligence,
Head of the Nature Inspired Computing and Engineering (NICE) group,
Co-Coordinator of the Centre for Mathematical and Computational Biology (CMCB),
Department of Computer Science,
University of Surrey, UK

Abstract   +

Biography   +

"Concept Drift"

PROFESSOR JIE LU

IEEE Fellow, IFSA Fellow
Editor-In-Chief, Knowledge-Based Systems
Editor-In-Chief, International Journal of Computational Intelligence Systems
Director of Centre for Artificial Intelligence
Associate Dean (Research Excellence) and Distinguished Professor,
Faculty of Engineering and IT,
University of Technology Sydney, Australia

Abstract   +

Biography   +

"Reproducibility in Big Data Analysis: A Bad Data Perspective"

PROFESSOR ZIDONG WANG

IEEE Fellow
Editor-in-Chief, Neurocomputing
Professor of Dynamical Systems and Computing,
Department of Computer Science,
Brunel University London, UK

Abstract

In this talk, we discuss another side of big data analysis, bad data analysis, where the badness means the complexities resulting in the reproducibility issues. Some background knowledge is first introduced on the volatility of the big data analysis, which shows 1) "big" does not necessarily mean "better" and 2) the so-called multi-objective data analysis (against badness) is vitally important in advancing the state-of-the-art. Two examples are used for demonstration of the big data analysis, one for big data from complex networks and the other for big data from gene expression image processing. Finally, conclusions are drawn and some future directions are pointed out.

Biography

Zidong Wang is an IEEE Fellow and Professor of Computing at Brunel University London with research interests in intelligent data analysis, statistical signal processing as well as dynamic systems and control. He has been named as the Hottest Scientific Researcher in 2012 in the area of Big Data Analysis (see http://sciencewatch.com/articles/hottest-research-2012). He was awarded the AvH Research Fellowship in 1996 from the Alexander von Humboldt Foundation of Germany, the JSPS Research Fellowship in 1998 from the Japan Society for the Promotion of Science and the William Mong Distinguished Research Fellowship in 2002 from the University of Hong Kong. Since 1997, He has published around 310 papers in prestigious international journals (including 110 papers in IEEE Transactions) with h-index 60 according to the Web of Science. He is currently serving as an Associate Editor for 12 prestigious journals including 5 IEEE Transactions. His research has been funded by the EU, the Royal Society and the EPSRC.

ENQUIRIES

Department of Computer Science
City University of Hong Kong

http://www.cs.cityu.edu.hk

CONTACT US

📞 +852 3442 8580

▤ +852 3442 0503

✉ csadm@cityu.edu.hk

FIND US

📖 General Office

Room Y6302, 6/F, Yellow Zone (Lift 9),
Yeung Kin Man Academic Building,
City University of Hong Kong,
83 Tat Chee Avenue, Kowloon, Hong Kong.

5/5

⤊