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## Editorial

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**Biographical notes:** Haldorai Anandakumar is an Associate Professor and Research Head from the Department of Computer Science and Engineering, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India. He received his Master's and PhD degrees from the PSG College of Technology under, Anna University, Chennai. His research areas include big data, cognitive radio networks, mobile communications and networking protocols. He has authored more than 75 research papers and seven books with reputed publishers such as Springer and IGI. He served as the Editor-in-Chief of *Inderscience IJISC*. He is senior member of IEEE, MIET, ACM and fellow member in EAI research group.

Ramu Arulmurugan is a Professor from the Department of Computer Science and Engineering, Presidency University, Bangalore, India. His research focuses on the automatic interpretation of images and related problems in machine learning and optimisation. His main research interest is in vision, particularly high-level visual recognition. He is author of more than 45 papers in major computer vision and machine learning conferences and journals. He is a recipient of the MTech and PhD degrees from the Anna University, Chennai and BTech in Information Technology from the Arunai Engineering College, Tamil Nadu, India. He is a member of MIET, ACM and EAI research group.

Chee-Onn Chow received his Bachelor's of Engineering (Hons.) and Master's of Engineering Science from the University of Malaya, Malaysia in 1999 and 2001, respectively. He received his Doctorate of Engineering from the Tokai University, Japan in 2008. He joined the Department of Electrical Engineering

as a tutor in 1999, and subsequently been offered a Lecturer position in 2001. He is currently an Associate Professor in the same department since 2015. His research interests include various issues related to wireless communications. He is a Chartered Engineer (IET, UK), Professor Engineer (BEM, Malaysia) and senior member of IEEE.

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This special issue brings together papers focusing on a wide range of topics relevant to the research and understanding of the role of computational complexity and intelligent algorithms. The special issue includes a selection of articles submitted in the call for papers titled ‘Intelligent computing and sustainable systems’.

The theme of the special issue is ‘Intelligent computing and sustainable systems’ intelligent system is the study and creation of self-learning technique that are based on artificial intelligence, machine learning, deep learning, pattern recognition, and natural language processing to simulate working of human brain. Research includes building a new class of system that can learn from experience and derive insights to unlock the value of big data.

Sustainable computing is a rapidly expanding research area spanning the fields of computer science and engineering, electrical engineering and other engineering disciplines. The aim of this special issue is to present myriad research findings related to energy-aware and thermal-aware management of computing resources. Equally important is a spectrum of related research issues, such as applications of computing that can have ecological and societal impacts. We have been invited original, timely and important research papers in the areas of power, energy, temperature and environment.

This special issue is open to high-quality research contributions from wide range of professionals including scholars, researchers, academicians and those in industry. Original research papers and state-of-the-art reviews have been accepted. We anticipate that the special issue will open new doors for further research and technology improvements in this important area.

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