



IEEE SMC 2022
**International Conference on Systems,
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Special Session

Code: 4g7t6

Title

Big Data Science and Computational Intelligence

Proposer / Main Organizer

Yan Pei,

University of Aizu, Japan, peiyan@u-aizu.ac.jp

Tsuruga, Ikki-machi, Aizu-Wakamatsu City, Fukushima, 965-8580, Japan

Bo Liu,

Beijing University of Technology, China, boliu@bjut.edu.cn

100 Pingleyuan, Chaoyang District, Beijing 100124, China

Jianqiang Li,

Beijing University of Technology, China, lijianqiang@bjut.edu.cn

100 Pingleyuan, Chaoyang District, Beijing 100124, China

YuChih Wei

National Taipei University of Technology, Taipei, Taiwan. vickrey@mail.ntut.edu.tw

1, Sec. 3, Zhongxiao E. Rd., Taipei 10608 Taiwan

IEEE Member or SMC Society Member

IEEE and SMC society member

Category

Please select one of the following categories:

Cybernetics

Number of Expected Paper Submissions:

6

Keywords

Big Data Science, Computational Intelligence, Machine Learning, Optimization, Soft Computing

Brief Description and Justification (200-250 words):

Computational Intelligence is the field of learning a specific task from data or experimental observation. In this field, it includes fuzzy logic, neural networks, evolutionary computation, learning theory, and probabilistic methods. Since a computational intelligence algorithm's complexity may vary with different inputs of the same size, the studies of big data science and application is an essential subject in computational intelligence field. This special session is intended to present and discuss big data science and computational intelligence. The objective of this special issue is to establish the state of the art for the most relevant problems in different application fields and to emphasize new efficient implementations by applying computational intelligence in big data science. It is expected to address and report recent advanced topics in big data science and computational intelligence in both academic research and real-world applications