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IEEE SSCI 2020

The IEEE Symposium Series on COMPUTATIONAL INTELLIGENCE

December 1-4, 2020 • Canberra Australia

A flagship annual meeting of the
IEEE Computational Intelligence Society
http://ieeessci2020.org/

The IEEE SSCI co-locates several symposia under one roof, each dedicated to a specific topic in the CI domain, thereby encouraging cross-fertilization of ideas and providing a unique platform for top researchers, professionals, and students from all around the world to discuss and present their findings.

The IEEE SSCI meetings feature keynote addresses, tutorials, panel discussions and special sessions, all of which are open to all participants. The conference proceedings of the IEEE SSCI have always been included in IEEE Xplore and indexed by all other important databases.

In 2020, the IEEE SSCI will take place at the National Convention Centre in Canberra, Australia's capital and fastest growing city. Canberra is known for its vibrant lifestyle which blends nature, culture, education and industry in a unique mix that has been ranked constantly in the top ten most liveable places in the world in the last decade.

Important dates

Workshop and Special Session proposals:	**April 1**
Paper submission (no extension):	**August 7**
Notification to authors:	**September 4**
Camera ready manuscript:	**September 18**

Planned IEEE Symposia at SSCI

- Adaptive Dynamic Programming and Reinforcement Learning
- Artificial Life
- CI Applications in Smart Grid
- CI for Astroinformatics
- CI in Big Data
- CI for Brain Computer Interfaces
- CI in Biometrics and Identity Management
- CI for Financial Engineering and Economics
- CI in Control and Automation
- CI in Healthcare and E-health
- CI in Cyber Security
- CI in Security and Defense Applications
- CI in Dynamic and Uncertain Environments
- CI and Ensemble Learning
- CI for Engineering solutions
- CI in Geospatial Big Data Processing
- CI for Human-like Intelligence
- CI in Information Processing and Information Systems
- CI for Multimedia Signal and Vision Processing
- CI in Production and Logistics Systems Technologies
- CI in Remote Sensing
- CI in Scheduling and Network Design
- CI in Vehicles and Transportation Systems
- Deep Learning
- Distributed Estimation, Control and Optimization
- Evolving and Autonomous Learning Systems
- CI in Feature Analysis, Selection and Learning in Image and Pattern Recognition
- Immune Computation
- Explainable Data Analytics in CI
- Smart Applications in Energy, Transportation, Environment and Water
- Foundations of CI
- Intelligent and Robotic Agents
- Multi-agent System Coordination and Optimization
- Model-Based Evolutionary Algorithms
- Nature-Inspired Computation in Engineering
- Robotic Intelligence in Informationally Structured Space
- Differential Evolution
- Swarm Intelligence
- Neuromorphic Cognitive Computing