

International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)

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Session Title - Research and Practice Evolutionary Computing & Communication Systems- 2017 (RPECCS'17)

Special Session Coordinator Details

Name of the coordinator: Dr.SureshShanmugasundaram

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Theme and aim of the special section:

Evolutionary computation techniques and communication systems can produce highly optimized solutions in a wide range of problem settings, making them popular in computer science. These techniques can be applied where Knowledge Discovery is primarily required ranging from theoretical analysis to real-life applications. The aim of this session is to focus on both smart computing & communications fields and aims to collect recent academic work to improve the research and practical applications of the telecommunication field in which Evolutionary Algorithms have been successfully applied. The scope of this special session covers a broad extent, from data to communications, from computing to security. The session is gathering all high-quality research/industrial papers related to evolutionary computing and communications and targets at proposing a reference guideline for further research. The session will not only take stock of trends and developments at the globally competitive environment, but will also provide future directions to young researchers and practitioners. The conference would be of immense benefit to Management, Researchers, Academicians, Industry and participants from Technical Institutes, Parastatals and students working in this field. Authors are invited to make submissions of papers related to topics listed below (though not exhaustive).

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Topics:

The topics of interest for this session include but are not limited to:

Cognitive Radio and Cognitive Networks	Strategic decision support systems
Communication Architecture, Algorithms, Modeling and Evaluation	Organizational semiotics in computing
Control Systems and Applications	Datacenters, data warehouses & technologies
Delay Tolerant Networks	Knowledge management
Fault Tolerance, Reliability, & Survivability	Enterprise resource planning & e-Business
Flow and Congestion Control	middleware integration
Multimedia and Real-Time Networking	Intranet and extranet business applications
Network Simulation and Emulation	Databases & information systems integration
Optical Networks and Systems	Intelligent agents
Big Data and decision sciences and analytics	Biomedical visualization and applications
Real-time & embedded systems	Computational geometry
Machine Learning & Data Mining in	Computational biology
Bioinformatics	Evolutionary algorithms
Evolution strategy	Evolutionary programming
Gene expression programming	Knowledge Discovery in Datamining
Green Communications Systems	Signal Processing for
	Communications/Wireless Communications

Please Submit your Papers to: Suresh.shanmugasundaram@bothouniversity.ac.bw