

Concurrency and Computation Practice and Experience (CCPE),

SI: Advances in Metaheuristic Optimization Algorithm AMOA2018

This Special Issue is a call for extended papers of presentations held during the 2018 International Conference on Intelligent Computing, August 15-18, 2018 Wuhan, China (<http://ic-ic.tongji.edu.cn/2018/index.htm>), Special Session on Advances in Metaheuristic Optimization Algorithm <http://ic-ic.tongji.edu.cn/2018/Special%20Session.htm>

Introduction:

Metaheuristic Optimization Algorithm is the collective behaviour of decentralized, self-organized systems, natural or artificial. Metaheuristic Optimization Algorithm can be used in a number of applications. This special session will highlight the latest development in this rapidly growing research area of new swarm intelligence algorithm, such as, Glowworm Swarm Optimization (GSO), Bat Algorithm (BA), Cuckoo Algorithm (CA), Grey Wolf Optimization Algorithm (GWOA), Moth Swarm Algorithm (MSA), Dragonfly Algorithm (DA) and its applications. Authors are invited to submit their original work in the areas including (but not limited to):

- Swarm Intelligence algorithms with applications
- Nature Inspired algorithms with applications
- Glowworm Swarm Optimization (GSO) algorithms with applications
- Bat Algorithm (BA) with applications
- Cuckoo Algorithm (CA) with applications
- Grey Wolf Optimization Algorithm (GWOA) algorithms with applications
- Moth Swarm Algorithm (MSA) with applications
- Dragonfly Algorithm(DA) with applications
- New metaheuristic optimization algorithms convergence analysis and parameter choice method
- Two-stage metaheuristic optimization algorithms with applications
- Hybrid metaheuristic optimization algorithms with applications
- Hyper metaheuristic optimization algorithms with applications
- Various improved version metaheuristic optimization algorithms with applications

Deadline:

Submission deadline: Jan 2, 2019

Author notification: Feb 15, 2019

Revised papers due: Mar 30, 2019

Final notification: May 10, 2019

Camera-ready due: Jun 1, 2019

Guest Editors:

Dr. Mohamed Abdel-Basset (Managing Editor)

Zagazig University, Egypt

Email: mohamed.abdelbasset@fci.zu.edu.eg

<https://scholar.google.com/citations?user=xN2Opq8AAAAJ&hl=en>

General Organizer

Special Session Advances in Metaheuristic Optimization Algorithm

<http://ic-ic.tongji.edu.cn/2018/Special%20Session.htm>

2018 International Conference on Intelligent Computing

August 15-18, 2018 Wuhan, China

Dr. Florentin Smarandache

University of New Mexico, USA

E-mail: fsmarandache@gmail.com

<https://scholar.google.com/citations?user=tmrQsSwAAAAJ&hl=en>

Web: <http://fs.gallup.unm.edu/FlorentinSmarandache.htm>

Dr. Yongquan Zhou

Guangxi University for Nationalities, China

College of Information Science and Engineering, Guangxi University for Nationalities,
Nanning 530006, China

Email: yongquanzhou@126.com

Google Scholar: <https://scholar.google.com/citations?user=PjI2SMQAAAAJ&hl=en>

General Organizer

Special Session Advances in Metaheuristic Optimization Algorithm

<http://ic-ic.tongji.edu.cn/2018/Special%20Session.htm>

2018 International Conference on Intelligent Computing

August 15-18, 2018 Wuhan, China

Dr. Mohamed Abdel-Basset received his B.Sc., M.Sc. and the Ph.D. in operations research from Faculty of Computers and Informatics, Zagazig University, Egypt. He is a head of department of operations research and decision support, Faculty of Computers and Informatics, Zagazig University. His current research interests are Optimization, Operations Research, Data Mining, Computational Intelligence, Applied Statistics, Decision support systems, Robust Optimization, Engineering Optimization, Multi-objective Optimization, Swarm Intelligence, Evolutionary Algorithms, and Artificial Neural Networks. He is working on the application of multi-objective and robust meta-heuristic optimization techniques. He is also an/a Editor/reviewer in different international journals and conferences. He has published more than 100 articles in international journals and conference proceedings.

Dr. Florentin Smarandache has done his post-doctoral research at Okayama University of Science (Japan) between 12 December 2013 - 12 January 2014; at Guangdong University of Technology (Guangzhou, China), 19 May - 14 August 2012; at ENSIETA (National Superior School of Engineers and Study of Armament), Brest, France, 15 May - 22 July 2010; and for two months, June-July 2009, at Air Force Research Laboratory in Rome, NY, USA (under State University of New York Institute of Technology). Graduated from the Department of Mathematics and Computer Science at the University of Craiova in 1979 first of his class

graduates, earned a Ph. D. in Mathematics from the State University Moldova at Kishinev in 1997, and continued postdoctoral studies at various American Universities such as University of Texas at Austin, University of Phoenix, etc. after emigration. In U.S. he worked as a software engineer for Honeywell (1990-1995), adjunct professor for Pima Community College (1995-1997), in 1997 Assistant Professor at the University of New Mexico, Gallup Campus, promoted to Associate Professor of Mathematics in 2003, and to Full Professor in 2008. Between 2007-2009 he was the Chair of Math & Sciences Department.

Dr. Yongquan Zhou, Ph.D. Professor received his MS degree in Computer Science from Lanzhou University, Lanzhou, China, in 1993 and his Ph.D. in Pattern Recognition and Intelligence System from the Xidian University, Xi'an, China, in 2006. He is currently a professor at Guangxi University for Nationalities. His research interests include computational intelligence, neural networks, and intelligence information processing etc. He has published one book, and more than 160 research papers in journals.