

Call for Book Chapters



DE GRUYTER
OLDENBOURG

Title: Soft Computing Techniques in Engineering Sciences

Publisher: De Gruyter

Final Book Publication: 2019-20

1. Introduction

In recent years, soft computing techniques have an extraordinary growth in various engineering branches. The major components of soft computing techniques are probabilistic reasoning, fuzzy theory, neural nets, neuro fuzzy system, adaptive neuro fuzzy inference system (ANFIS), neuro-computing, genetic algorithms, hybrid fuzzy logic genetic algorithms (HFLGA) belief networks, chaotic systems, evolutionary computing, probabilistic computing, Computational intelligence (CI) as well as learning theory. The book Soft Computing Techniques in Engineering Sciences engrossed on a comprehensive range of soft computing techniques applied in various fields of engineering problems.

2. Recommended Topics, but not limited

- Adaptive Neuro Fuzzy Inference System (ANFIS);
- Computational Intelligence (CI)
- Decision Making;
- Evolutionary Computing;
- Fuzzy and Grey theory;
- Fuzzy Multi-Criteria Decision Making;
- Fuzzy Times Series;
- Hesitant Fuzzy Multi-Criteria Decision Making (HFMDPCM);
- Hybrid Fuzzy Logic Genetic Algorithms (HFLGA) Belief Networks;
- Hybrid Fuzzy Logic Genetic Algorithms;
- Neural Nets;
- Neuro Fuzzy System;
- Neuro-Computing, Genetic Algorithms;
- Optimizing with Operational Analytics;
- Probabilistic Computing;
- Soft-Computing;
- Type-2 Fuzzy Multi-Criteria Decision Making;

3. Submission Procedure

Researchers, developers and practitioners are invited to submit their chapter proposals/abstracts (Maximum 1 page) on or before **May 15, 2019** to Dr. Mangey Ram drmrswami@yahoo.com or Dr. S. B. Singh drsurbjbsingh@yahoo.com

Please provide the following points in your proposals/abstracts:

- 1) Title of the contribution
- 2) Name of author, co-authors, institution, email-address
- 3) Content/Abstract of the proposed chapter

Authors of accepted proposals will be notified by **May 30, 2019** about the status of their proposals.

4. Full Book Chapter

Complete chapters are expected to be submitted to Dr. Mangey Ram drmrswami@yahoo.com or Dr. S. B. Singh drsurbjbsingh@yahoo.com by **July 31, 2019**.

- A book chapter can have up to 40 pages (up to 10000 words total or more) in word file only.
- Guidelines on how to prepare the full book chapter will be provided on time.
- All submitted chapters will be reviewed on a double-blind review basis.
- Contributors may also be requested to serve as reviewers for this project, up to two manuscripts.

5. Publisher

This edited book is scheduled to be published by Walter de Gruyter. For additional information regarding the publisher, please visit <https://www.degruyter.com/>. This publication is anticipated to be released in 2020.

6. Important Dates

The following timeline is anticipated:

- Proposal Submission Deadline: **May 15, 2019**
- Notification of Acceptance: **May 30, 2019**
- Full Chapter Submission: **July 30, 2019**
- Review Results Returned: **August 30, 2019**
- Revised Chapter Submission: **September 30, 2019**
- Final Decision: **October 15, 2019**

7. Inquiries

All inquiries are invited to send an email to Dr. Mangey Ram drmrswami@yahoo.com or Dr. S. B. Singh drsurbjbsingh@yahoo.com

8. Editor(s)

Prof. (Dr.) Mangey Ram, Graphic Era Deemed to be University, India. E-mail: drmrswami@yahoo.com

Prof. (Dr.) Dr. S. B. Singh, G.B. Pant University of Agriculture & Technology, Pantnagar, India. E-mail: drsurbjbsingh@yahoo.com