**Recent Trends in Computational Intelligence, Soft Computing and Communication Networks**

**Aim and Scope of Book:**

There have been a number of research advances in the fields of Computational Intelligence, Soft Computing and Communication Networks in recent years. Artificial and computational intelligence continues to transform all aspects of society including the use of green computing for sustainability, the modelling of intelligent healthcare systems, the design of smart transportation networks and the modelling of autonomous, intelligent, mobile vehicles. Computational intelligence and soft computing approaches possess a number of critical strengths: they are capable of processing large amounts of real-time and historical data acquired via environmental interactions; they continually learn through the consequences of action–result combinations; tools from a number of branches of soft systems science can be used together for synergistic effects to transform our society. All aspects of Computational Intelligence, Soft Computing, Communication Systems and Networks will be considered in this book.

**Chapters of Interest but certainly not limited to:**

1. Soft, mobile-cloud based computing for social networks
2. Data mining and Big data analytics for applied science and engineering
3. Fuzzy system theory in health and environmental applications
4. Socio-environmental data analytical approaches using computational methods
5. Deep learning and machine learning algorithms for industrial applications
6. Intelligent techniques for smart surveillance and security in public health systems
7. Crowd computing-assisted access control and digital rights management
8. Evolutionary algorithms for data analysis and recommendations
9. Crowd intelligence and computing paradigms Computer vision and image processing
10. Parallel and Distributed Computing Cloud computing and networks
11. Networked control systems and information security
12. Speech/image/video processing and communications
13. Green computing and internet of thing
14. Social Media Platforms, Tools, and Applications

**Important Dates:**

Last Date for Full Chapter Submission : 30th November, 2022

Acceptance Notification : 15th December, 2022

Submission Deadline for Revised Chapter : 20th December, 2022

Last Date for Registration : 22nd December, 2022

Book Publication Date : 30th December, 2022

**Benefits to Author (Chapter contributor):**

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