[Computational Intelligence in Big Data Analytics with Machine Learning and Artificial Intelligence]

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

1) Dr. Puniti Mathur, Assistant Professor, Amity University Uttar Pradesh Noida, India.
2) Dr. Shivani Chandra, Assistant Professor, Amity University Uttar Pradesh Noida, India.
3) Dr. Alka Grover, Assistant Professor, Amity University Uttar Pradesh Noida, India.
4) Dr. Anupama Avasthi Sharma, Assistant Professor, Amity University Uttar Pradesh Noida, India
5) Dr. Shazia Rashid, Assistant Professor, Amity University Uttar Pradesh Noida, India.

SESSION DESCRIPTION:

Computational intelligence is an interdisciplinary approach exploring cutting edge research solutions in the fields of Computer science, Software engineering, Biotechnology, Bioinformatics and Nanotechnology with Big Data. The objectives of the special session on "**Computational Intelligence in Big Data Analytics with Machine Learning and Artificial Intelligence**" are to promote and coordinate the development and practice of computational intelligence to advance the knowledge of electronic business, Information & knowledge management, Big Data and cloud computing including applications in cancer genomics and proteomics, imaging, medical diagnosis and epidemiology. It also aims to provide an international forum for researchers, practitioners, business educators, academicians and policy-makers to disseminate knowledge, exchange new ideas, trends, and practical challenges encountered in this field. It will also discuss the concerns along with the solutions adopted in these fields, to establish business or research relations, and to find global partners for future collaboration. This special session will spotlight on state-of-the-art research paradigms, research challenges and issues in the digital Information & knowledge management, e-business, use of computational intelligence in biological data analysis, and Cloud Computing with Big Data. This special session is open for submission of high quality research contributions from academia and professionals. Original research papers, practical applications, case studies and state of the art reviews will be accepted. We anticipate that the special session will open new entrance for further research and technology improvements in this important area.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Cloud computing with software development Architecture
- Software framework with Java
- Execution and analysis of Big Data
- High performance computing for computational biology

- Analysis of high dimension omics data
- Design and implementation of novel bioinformatics tools.
- Informatics and Statistics in Biopharmaceutical Research
- Computational Genomics & Proteomics
- e-commerce and e-business
- IPR
- Machine Learning
- IOT
- Neural Network
- Artificial Intelligence
- Block Chain
- AI and Machine Learning in Health care
- mHealth

NOTE: While submitting paper in this special session, please specify [**Computational Intelligence in Big Data Analytics with Machine Learning and   Artificial Intelligence**] at the top (above paper title) of the first page of your paper.

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