



Title of the Special Session

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

Details of Session Chair and Co-Chair

Dr. Ankur Saxena, Amity University, India: Session Chair

Dr. Nicolas Brault, Institute Polytechnique UniLaSalle, Waguët, France :Co-Chair

Aims & Scope:

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.

Subtopics:

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

Technical Programme Committee(s):

- 1) Dr. Swati Tewari, Professor, Faculty of Applied Science and Technology
Davis Campus ,7899 McLaughlin Road, Canada.
- 2) Dr. Vikas Kumar, Associate Professor ,Department of Automotive Technology
Federal TVET Institute, Addis Ababa ,Ethiopia
- 3) Dr. Sampat Nehra, Scientist, Birla Institute of Scientific Research
Statue Circle, Jaipur 302 001, Rajasthan, INDIA
- 4) Dr. P.C Trivedi ,Vice Chancellor, Jai Narain Vyas University, Jodhpur-342011 (Rajasthan)
- 5) Dr. Punith Mathur, Professor, Amity University Uttar Pradesh Noida, India.
- 6) Dr. Shivani Chandra, Assistant Professor, Amity University Uttar Pradesh Noida, India.
- 7) Dr. Alka Grover, Assistant Professor, Amity University Uttar Pradesh Noida, India.
- 8) Dr. Shazia Rashid, Assistant Professor, Amity University Uttar Pradesh Noida, India.

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

<https://easychair.org/conferences/?conf=wcis2020>

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:

The after-conference proceeding of the CIS2020 will be published in Springer Book Series, 'Advances in Intelligent Systems and Computing'.

All inquiries should be directed to the attention of Session Chair/Co-Chair:

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