



INTERNATIONAL CONFERENCE ON  
INNOVATIVE COMPUTING AND  
COMMUNICATION(ICICC-2018)

ORGANISED BY : GURU NANAK INSTITUTE OF MANAGEMENT  
5TH-6TH MAY,2018

\*\*\*\*\* CALL FOR PAPERS FOR SPECIAL SESSION\*\*\*\*\*  
SUBMISSION DUE DATE: 15/01/2018

SPECIAL SESSION ON **Computational Intelligence in Big Data analysis**  
INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATION AND  
ICICC-2018

Guest Editor:

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INTRODUCTION:

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 analysis**” 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. 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
- SAS
  
- Machine Learning

**Technical Program Committee (TPC):**

**International Advisory:**

Dr. Simranjeet Kaur, Post Doctor Researcher, Copenhagen Diabetes Research Center, Herlev Hospital, Herlev Denmark.

Dr. Jitendra Narayan, PostDoc Research Scientist, University of Namur (UNamur) ,Department of Biology (URBE) Laboratory of Evolutionary Genetics and Ecology (LEGE) 61, Rue de Bruxelles, B-5000 Namur – Belgium.

Mr. Ashutosh Kaushik, Software Engineer, Synopsys, California USA.

Mr. Amarjeet Raghav, Software Engineer, TCS, Washington DC USA.

Mr. Ankur Verma, Software Engineer, Thyssenkrupp Tallent,UK

Mr. Rajesh Kumar, Software Engineer, TCS,USA.

**National Advisory:**

- 1) Dr. Nidhee Chaudhary , Professor, Amity University Uttar Pradesh Noida, India .
- 2) Dr. Punith Mathur, Assistant Professor, Amity University Uttar Pradesh Noida, India.
- 3) Dr. Shivani Chandra, Assistant Professor, Amity University Uttar Pradesh Noida, India.
- 4) Dr. Jitender Kumar, Assistant Professor, Amity University Uttar Pradesh Noida, India
- 5) Dr. Mahesh Shankar Dhar, Assistant Professor, Amity University Uttar Pradesh Noida, India
- 6) Dr. Anupama Avasthi Sharma, Assistant Professor, Amity University Uttar Pradesh Noida, India
- 7) Mr. Neeraj Kaushik, Assistant Professor, Amity University Uttar Pradesh Noida, India.
- 8) Mr. Ankur Chaurasia, Assistant Professor, Amity University Uttar Pradesh Noida, India.

#### SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Computational Intelligence in Big Data analysis on or before 15/01/2018**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://easychair.org/conferences/?conf=icicc2018>. All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **Computational Intelligence in Big Data analysis on or** at the top (above paper title) of the first page of your paper.

#### PUBLICATION:

All the accepted papers (after double blinded peer review) will be published in springer series (**Approval pending**) and further extended papers will be published in the special issues of **SCI/SCOPUS/WoS/DBLP/ACM indexed Journals** as per the guidelines of respective journal:

##### **Computational Intelligence and Neuroscience**

<https://www.hindawi.com/journals/cin/>

**Indexed In:** Indexing: SCIE, SCOPUS and More.

##### **Scalable Computing: Practice and Experience (SCPE)**

<http://www.scpe.org/index.php/scpe>

**Indexed In:** Indexing- ISI Thompson (Emerging Sources Citation Index), Scopus and many more.

##### **International Journal of Imaging and Robotics (IJIR)**

<http://www.ceser.in/ceserp/index.php/iji>

*Indexed In: SCOPUS (Elsevier Bibliographic Databases), INSPEC, IndexCopernicus, and International Statistical Institute (ISI, Netherlands) and many more.*

##### **International Journal of Tomography and Simulation (IJTS)**

<http://www.ceser.in/ceserp/index.php/ijts>

*Indexed In: SCOPUS (Elsevier Bibliographic Databases); INSPEC, IndexCopernicus, International Statistical Institute (ISI, Netherlands) and many more.*

##### **International Journal of Artificial Intelligence (IJAI)**

<http://www.ceser.in/ceserp/index.php/ijai>

*Indexed In: SCOPUS (Elsevier Bibliographic Databases), INSPEC, IndexCopernicus, and International Statistical Institute (ISI, Netherlands) and many more.*

### **International Journal of Natural Research Computing (IJNCR)**

<https://www.igi-global.com/journal/international-journal-natural-computing-research/1148>

**Indexed In:** INSPEC, ACM, Cabell, DBLP, and many more.

### **Recent Advances in Communications and Networking Technology**

<https://benthamsience.com/journals/recent-advances-in-communications-and-networking-technology/>

**Indexed In:** ChemWeb, Google Scholar, PubsHub, J-Gate, CNKI Scholar, Suweco CZ, EBSCO and Ulrich's Periodicals Directory.

### **International Journal of Hybrid Intelligence (IJHI)**

[http://www.inderscience.com/jhome.php?jcode=ijhi\\_](http://www.inderscience.com/jhome.php?jcode=ijhi_)

### **Journal of Multimedia Information System**

[http://acoms.kisti.re.kr/journal.do?method=journalintro&journalSeq=J000059&menuId=&introMenuId=0101\\_](http://acoms.kisti.re.kr/journal.do?method=journalintro&journalSeq=J000059&menuId=&introMenuId=0101_)

### **Intelligent data analysis for biomedical applications:Challenges and Solutions. (Scopus Indexed)**

<https://www.elsevier.com/books/book-series/intelligent-data-centric-systems-sensor-collected-intelligence>

All the book chapters published under this series will appear in sciencedirect.com.

**and many more journals will be added to the list soon...**

All inquires should be should be directed to the attention of:

**Ankur Saxena**

Guest Editor

**Computational Intelligence in Big Data analysis**

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