



4th International Conference on Data Management, Analytics & Innovation

Venue: United Services Institute (USI), New Delhi

Date: 17 – 19 January, 2020



ICDMAI 2020 Conference Brochure

Flagship Conference of:



ICDMAI 2020



We, the Organizing Chairs of the Conference, feel honoured to introduce to you and invite you for the **4th International Conference on Data Management, Analytics and Innovation (ICDMAI 2020)** scheduled from 17-19 January 2020 in India. ICDMAI 2020 is a flagship event of Society for Data Science (S4DS), which is a non-profit professional association to create a collaborative platform for bringing together technical experts across Industry, Academia, Government Labs and Professional Bodies to promote Innovation around Data Science.

The ICDMAI 2020 envisions its role towards data management as well as analytics and its enhancement through collaboration, innovative methodologies and connections throughout the globe. In this direction, the mission is to deliver and co-ordinate, enact and disseminate research and resources that enhance the impact and growth of education pertaining to the theme of the conference. The primary goal of the conference is to promote research and developmental activities in Computer Science, Information Technology, Computational Engineering, and Communication. Another goal is to promote scientific information interchange between re-searchers, developers, engineers, students, and practitioners working in India and abroad. The conference will be held every year to make it an ideal platform for people to share views and experiences in Informa-tion, Telecommunication, Computing Techniques and related areas.

GENERAL CHAIRS



Dr. P.K. Sinha
Vice Chancellor and Director,
Dr S P Mukherjee International Institute of
Information Technology, Raipur, Chhattisgarh



Dr. Vincenzo Piuri
Professor, University of Milan, Italy,
IEEE Fellow

EXECUTIVE MEMBERS OF SOCIETY FOR DATA SCIENCE



AMOL C. GOJE

AMLAN CHAKRABARTI

NEHA SHARMA

INDERJIT BARARA

SAPTARSI GOSWAMI

MANJIAH D.H.



TRACKS & TOPICS



Fourth International Conference on Data Management, Analytics and Innovation (ICDMAI – 2020) solicit papers in the areas of Computer Science, Information Technology, Computational Engineering, Electronics and Telecommunication, Electrical, Computer Application and all the relevant disciplines to a common forum. Original, unpublished research papers highlighting specific research domains from all viewpoints are invited from delegates all over the globe. It is planned to publish selected and presented papers in the proceedings with SPRINGER in their prestigious **Advances in Intelligent Systems and Computing** (AISC), which is indexed in Scopus and ISI. Following are the topics of interest but not limited to:

Track I: DATA MANAGEMENT & SMART INFORMATICS

1. Data Exchange, Integration, quality, cleaning and Lineage
2. Database administration and upgrading challenges
3. Algorithms and Programming Techniques
4. Real-time data management in navigation and mobility
5. Agricultural Informatics and Communication
6. Community Information Systems and Computational Economics
7. Digital Photogrammetry, Remote Sensing, GIS and GPS
8. Disaster Management, e-governance, e-Commerce, e-business, e-Learning
9. Forest Genomics and Irrigation Informatics
10. Healthcare Informatics and Neuroinformatics
11. Information Ecology and Knowledge Management
12. Open Source: Challenges and opportunities
13. Web-Based Learning: Innovation and Challenges

ICDMAI 2020 Paper

Submission Link:

<https://easychair.org/my/conference?conf=icdmai2020>



Selected papers will be published in the proceedings with SPRINGER in their prestigious **Advances in Intelligent Systems and Computing** (AISC) Series.

Track II: BIG DATA MANAGEMENT

1. Algorithm for Big Data
2. Big Data Fundamentals
3. Infrastructures for Big Data
4. Big Data Management and Frameworks
5. Big Data Search
6. Security and Search in the era of Big Data
7. Applications of Big Data Big Data Analytics, Metrics, Platforms
8. Business Performance Management using Big Data Technique



Track III: ARTIFICIAL INTELLIGENCE & DATA ANALYTICS

1. Artificial Intelligence and Machine Learning
2. Evolutionary Computation Techniques
3. Mobile Robotics
4. Speech Recognition & Synthesis
5. Facial Detection for Security and Tracking
6. Heuristic and Genetic Algorithms for Scheduling problems
7. Pattern Recognition, Image and Video processing
8. Bio Informatics
9. Assistive and Calm Technology
10. Augmented Cognition
11. Ubiquitous and Pervasive Applications

SPECIAL SESSION:

Quantum Computation, Quantum Machine Learning, Quantum Deep Learning

Session organizers:

Prof. Prasanta K. Panigrahi Department of Physical Sciences Head, Center for Artificial Intelligence IISER Kolkata, India Email:

pprasanta@iiserkol.ac.in

Mr. Sabyasachi Mukhopadhyay GDE Expert - Machine Learning Email: sabyasachi.mukhopadhyay@twelint.com

Topics include but not limited to the following:

Quantum Cheques and Blockchain Implementations, Text Classification using Quantum Machine Learning, Low cost non-invasive healthcare solutions using Quantum Machine Learning, Quantum Computation and Cyber Security, Quantum Teleportation, Quantum Communication and Cryptography, Theoretical developments on Quantum Computation, Quantum Machine and Deep Learning

Track IV: ADVANCES IN NETWORK TECHNOLOGIES

1. Data Models and Applications of Social Networks and Social Media
2. Mobile Software Architectures, Systems, Platforms, Services, and Regulatory Issues
3. Mobile Network Traffic Engineering, Performance, and Optimization
4. Cloud Computing Architectures and Cloud Solution Design Patterns
5. Cloud Configuration, Performance, and Capacity Management
6. Fog Computing
7. Green Computing and ICT
8. 4G and Long Term Evolution (LTE)
9. Computer Networks and Security



REGISTRATION



Every accepted article / research paper should be registered by at least one author to attend the conference. The acceptance list of article / research paper will be announced on the website and the authors will be intimated regarding the acceptance through e-mail. The details about registration fee are given below:

Registration fees for Paper Presenters:

Category	Early Bird Registration till 31 Oct 2019		Registration Fee from 1-15 Nov 2019		Onsite Registration Fee (only for Co-Author)	
	Indian (INR)	Others (US \$)	Indian (INR)	Others (US \$)	Indian (INR)	Others (US \$)
Students						
S4DS Member	6000	200	6500	250	7000	350
Other	6500	250	7000	350	7500	450
Research Scholar						
S4DS Member	7000	250	8000	350	9000	500
Other	8000	350	9000	500	10000	600
Academician						
S4DS Member	8500	350	9500	450	10500	650
Other	9500	450	10500	550	12000	750
Industry Professionals						
S4DS Member	10000	450	12000	500	14000	800
Other	12000	500	14000	650	15000	950

1. Only registered delegates can attend the conference.
2. In order to include the selected paper in Conference Proceedings, at least one author has to register and present his/her paper at the conference.
3. If multiple authors of selected papers wish to attend, they are requested to register separately & will not be entertained as accompanying persons.
4. Student delegates are requested to attach a letter from the HOD/Dean/Principal/Research Guide verifying their full-time student status.
5. PG Students and PhD Scholars will be considered under Research Scholar Category.
6. Registration fee include Morning Tea, Lunch, Evening tea/coffee for all three days, one day gala Dinner, conference kit, & conference proceedings.
7. Registered candidates cannot claim for refund on their absence in the conference.



Note: The above mentioned Registration Fee is inclusive of Service Tax

Registration fees for Listeners: http://www.icdmai.org/reg_for_listener

Registration fees for Tutorials: http://www.icdmai.org/reg_for_tutorials

Last Date for Paper Submission –	30/08/2019
Author Notification –	25/10/2019
CRC/Final Submission –	31/10/2019
Copy right Form –	31/10/2019
Early Bird Registration –	26/10/2019 – 31/10/2019
Conference Dates –	17-19 Jan, 2020

To know more on paper submission guidelines & format please click on (www.icdmai.org). For queries please feel free to contact us on below contact details or write to us at

CONTACT:  +91-9923602490  nvsharma1975@gmail.com

Look forward for your high quality submissions and meeting you at ICDMAI 2020.