ICDMAI 2019
Conference Brochure
(CALL FOR PAPER)

ICDMAI
2019

3rd International Conference on Data Management, Analytics and Innovation (ICDMAI 2019)

18-20 January 2019

Venue : Lincoln University College, Malaysia

Jointly Organized by:

SDS SOCIETY FOR DATA SCIENCE

LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

ICDMAI 2019

We feel honoured to introduce to you and invite you for the 3rd International Conference on Data Management, Analytics and Innovation (ICDMAI-2019) from 18-20 January 2019 in Kuala Lumpur, Malaysia. The conference is jointly organized by Society for Data Science (S4DS) and Lincoln University, Malaysia. ICDMAI 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 conference will be hosted by Lincoln University, Malaysia, which is a vibrant and diverse academic center with focus on teaching and learning and helps to realize innovative knowledge. Lincoln brings together world-renowned faculty and students from all over the nation and the world.

The ICDMAI 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 researchers, 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 Information, 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, Naya Raipur (IIIT-NR), Chhattisgarh.

Dr. Vincenzo Piuri
Professor, Università degli Studi di Milano, Italy, IEEE Fellow

STEERING COMMITTEE CHAIRS

Prof. Amlan Chakrabarti
Dean, Faculty of Engineering, University of Calcutta, Director and Professor, A.K.Choudhury School of Information Technology

Prof. Neha Sharma
Professor, VIIT, Baramati, Pune.
Secretary, Society for Data Science

ORGANIZING CHAIR

Dr. Sandeep Poddar
Research Director, Lincoln University College, Malaysia

INTERNATIONAL LIASON CHAIRS

Prof. Juergen Seitz,
Head of Business Information Systems Department, Baden-Wuerttemberg Cooperative State University, Heidenheim, Germany

Prof. Jan Martinovic, Head of Advanced Data Analysis and Simulations Lab at IT4 Innovations National Supercomputing Centre of the Czech Republic, VŠB Technical University of Ostrava

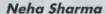**Dr. Sruti Das Choudhury**, University of Nebraska Lincoln

INDUSTRY LIASON CHAIRS

Dr. Inderjeet Singh Barara
Technology Evangelist, Solution Architect and a Mentor

TECHNICAL PROGRAM CHAIRS

Neha Sharma
Professor, VIIT, Baramati, Pune.
Secretary, Society for Data Science

Amlan Chakrabarti
Dean, Faculty of Engineering, UoC, Director and Professor, A.K.Choudhury School of Information Technology

Valentina Emilia Balas
Professor, Department of Automatics and Applied Software faculty of Engineering, University of Arad, Romania

TUTORIAL AND WORKSHOP CHAIR

Prof. Saptarsi Goswami A.K.Choudhury School of IT, University of Calcutta
Prof. D. H. Manjaiah, Professor, Department of Computer Science, Mangalore University

TRACKS & TOPICS

Third International Conference on Data Management, Analytics and Innovation (ICDMAI – 2019) 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. The selected and presented papers will be included in the proceedings indexed in Scopus. 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,
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

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 AND 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

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 Is
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. Fogg Computing
7. Green Computing and ICT
8. 4G and Long Term Evolution (LTE)
9. Computer Networks and Security

Important Dates:
- Call for Paper Begins - 15/03/2018
- Last Date for Paper Submission - 30/08/2018
- Author Notification - 25/10/2018
- Early Bird Registration - 26/10/2018 - 31/10/2018
- Camera Ready Copy and Copyright Submission - 10/11/2018
- Conference Dates - 18-20 Jan 2019

REGISTRATION

ICDMAI 2019

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 2018			Registration Fee From 1-15 Nov 2018			Onsite Registration Fee (Only for Co-Author)		
	Indian (INR)	Others (US $)	Malaysian (RM)	Indian (INR)	Others (US $)	Malaysian (RM)	Indian (INR)	Others (US $)	Malaysian (RM)
STUDENTS									
S4DS Member	5000	150	650	5500	250	850	6000	350	925
Other	5550	200	850	6000	350	925	7000	450	1000
RESEARCH SCHOLAR									
S4DS Member	6000	250	925	7000	350	1000	8000	500	1225
Other	7000	350	1000	8000	500	1225	9000	600	1375
ACADEMICIAN									
S4DS Member	7000	350	1000	8000	450	1225	10000	650	1525
Other	9000	450	1375	10000	550	1525	12000	750	1825
INDUSTRY									
S4DS Member	8000	450	1225	10000	500	1525	12000	800	1825
Other	10000	500	1525	12000	650	1825	14000	950	2100

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 fees include, breakfast, 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.

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 nvsharma@rediffmail.com

Look forward for your high quality submissions and meeting you at ICDMAI 2019.

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