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CIDS 2017

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International Conference on

Computational Intelligence in Data Science

June 2, 3 2017

Organized by

Department of Computer Science and Engineering

SSN College of Engineering

Rajiv Gandhi Salai (OMR), Kalavakkam – 603110.

Chennai, Tamilnadu, India.

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ICCIDS-2017

The conference provides an opportunity for the researchers, engineers, developers and practitioners from academia and industry to discuss and address the solicit experimental, theoretical work and methods in solving problems and to share their experience, exchange and cross-fertilize their ideas in the fields of Data Science and Computational Intelligence. This conference will be useful for professionals working in data science, big data, machine learning, artificial intelligence and predictive modeling.

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We invite high-quality submissions describing original and unpublished work for the conference. Accepted submissions will be included in the IEEE Xplore Digital Library.

All submissions will be subject to plagiarism check. Papers submitted for consideration should not have been published elsewhere and should not be under review or submitted for review elsewhere during the duration of consideration. At least one author of an accepted paper must register for the conference and present the paper in the conference. Only the presented papers will be included in the proceedings.

Papers that do not make the grade for publication, yet show promise, may be selected for poster presentation instead. If you are specifically interested in submitting a poster, then please ensure that the paper does not exceed 4 pages (including figures, references and appendices).

Topics of Interest

The theme of this conference is use of Computational Intelligence in Big Data. The papers need not be based only on this theme. Topics of interest for the conference include, but are not restricted to:

Topics

Foundations

- Probabilistic and statistical models and theories
- Machine Learning algorithms for high-velocity streaming data
- Scalable analysis and learning
- Heterogeneous data/information integration
- Data pre-processing, sampling and reduction
- High dimensional data, feature selection and feature transformation
- High performance computing for data analytics
- Architecture, management and process for data science

Data analytics, machine learning and knowledge discovery

- Knowledge discovery theories, models and systems
- Learning for streaming data
- Learning for structured and relational data
- Intent and insight learning
- Cross-media data analytics
- Big data visualization, modeling and analytics
- Multimedia/stream/text/visual analytics
- Cloud computing and service data analysis

Computational Intelligence and Big Data Analytics

- Computational theories for big data analysis
- Incremental learning – theory, algorithms and applications in big data
- Sparse data, feature selection, feature transformation – theory, algorithms and applications for big data
- Associative memories

Probabilistic and information-theoretic methods

Supervised, unsupervised and reinforcement learning

Support vector machines and kernel methods

Time series analysis

Algorithms and libraries - Optimization for Big Data Analytics

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Submission Guidelines

All submissions must be prepared in IEEE conference format, in English and must not exceed 6 pages (including figures, references and appendices). Guidelines for paper formatting can be found at

https://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submissions that violate formatting will be declined without review.

Papers must be submitted electronically through the Compute submission site at

<https://edas.org/conferences/?conf=cids2017>

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Important Dates

1	Paper Submission Opens	1 Feb 2017
2	Last Date for Paper Submission	10 April 2017
3	Notification of Acceptance Commences	11 May 2017
4	CRC Submission	20 May 2017
5.	Last day for Registration	25 May 2017
6.	Conference date	June 2,3 2017

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Registration

Registration For ICCIDS – 2017

Registration can be carried out online.

Registration Fees		
Type	IEEE Members (INR)	Non Members (INR)
Industry	6,500/-	7,500/-
Academics	5,500/-	6,500/-
Students	3,500/-	4,500/-
Registration Link:		
Click Here For Registration		

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Schedule

June 2, 2017

Time	Event	Venue
8.00am to 9.00am	Registration	Department
9.00am to 10.30 am	Keynote Address - 1	Central Seminar Hall
10.30am to 11.00am	High Tea	
11.00am to 12.30pm	Paper Presentation - Track 1 [15p]	Central Seminar Hall
11.00am to 12.30pm	Paper Presentation – Track 2 [15p]	ECE Seminar Hall
12.30pm to 1.30pm	Lunch	
1.30pm to 4.30pm	Tutorial – 1 [Hands-on] [Big Data Analytics]	
4.30pm to 5.00pm	Tea	

June 3, 2017

Time	Event	Venue
8.30am to 9.30am	Keynote Address - 2	Central Seminar Hall
9.30am to 12.30am	Tutorial – 2 [Hands-on][CI in Big Data]	
12.30pm to 1.30pm	Lunch	
1.30pm to 3.00pm	Paper Presentation -Track 3 [10p]	Central Seminar Hall
1.30pm to 3.00pm	Paper Presentation – Track 4 [10p]	CSE Seminar Hall
2.00pm to 3.00pm	Poster Presentation	CSE Corridor
3.00pm to 4.00pm	Valedictory	Central Seminar Hall
4.00pm to 4.30pm	High Tea & Photo Session	Central Seminar Hall

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About the Institution

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Dr. Shiv Nadar, Chairman, HCL Technologies, a pioneer in the field of Information Technology. The Institution reflects the ideals of its founder and seeks to achieve excellence both as an academic institution and advanced research centre. The Institution was established in 1996 on a sprawling campus of 250 acres on the Rajiv Gandhi Road (OMR) known as "Cyber Corridor" of Chennai. The Institution is certified with ISO 9001:2008. All existing programmes have been accredited by the NBA-AICTE. The College has been awarded with the highest grade of "A" by the National Assessment and Accreditation Council (NAAC), India for 5 years. The management awards over 450 scholarships every year to meritorious and deserving students. The college has been awarded as the Asia's Best Private Educational Institute in the Engineering & Technology category in 2013. The award has been instituted by World Consulting and Research Corporation (WCRC). SSN Institutions have adopted advanced wireless technology to enhance teaching and learning process through e-Learning initiative. The college has an ambitious initiative to pursue high quality research. Funded projects worth 4 crores are currently underway. In addition, the college has conducted 10 international conferences so far.

About the Department

The department offers B.E degree program in Computer Science and Engineering and M.E degree programs in Computer Science and Software Engineering. Prominent and leading employers are Amazon, eBay, Microsoft, Success Factors, Zoho, MU Sigma, Accenture, Cognizant, Infosys, Wipro, ThoughtWorks, Aricent Group, Inautix and others. In addition, a sizeable number of students are pursuing PG studies in renowned institutions in India and abroad. It is recognized as a research centre by Anna University, Chennai, for doing PhD and M.S. by research. The Department has well-qualified and dedicated faculty. The Department has organized several AICTE-STTPs, Faculty Programmes, Conferences.