

Program Schedule (ICDCIT – 2017)

(13 – 16 January'2017)

Friday, January 13, 2017

9.00 AM – 10.00 AM: Registration

10.00 AM – 12.45 PM: Industry Symposium

10.00 AM – 10.10 AM Symposium Inauguration and Lightening of Lamps

10.10 AM – 10.30 AM Introducing the Industry Symposium by H. Mohanty, HCU

10.30 AM – 11.30 AM Securing Web Services with Trust by *K. Chandrasekharan, NIT Surathkal*

11.30 AM – 11.45 AM Tea Break

11.45 AM – 12.45 PM Non-functional Properties of a Web Service by *N. Parimala, JNU*

12.45 PM – 2.00 PM: Lunch Break

2.00 PM – 2.30 PM: Inauguration of Project Innovation Contest.

2.30 PM – 3.30 PM: Student Research Symposium Paper Presentation

3.30 PM – 4.00 PM: Tea Break

4.00 PM – 5.00 PM: Keynote:

Algorithms for Analytics in Distributed Computing Environments

Raj Bhatnagar

6.00 PM Onward: Inaugural Function and Conference Dinner

Saturday, January 14, 2017

9.00 AM – 9.30 AM: Registration

9.30 AM – 10.30 AM: Keynote:

Holistic Optimization of Data Access from Imperative Programs
S. Sudarshan

10.30 AM – 11.00 AM: Tea Break

11.00 AM – 12.30 PM: Paper Presentation

Mobile Computing

A Distributed Approach based on Hierarchical Scalar Leader Selection for Enhanced Event Coverage in Wireless Multimedia Sensor Networks

Sushree Bibhuprada B. Priyadarshini and Suvasini Panigrahi

Gathering Multiple Robots in a Ring and an Infinite Grid

Durjoy Dutta, Tandrima Dey and Sruti Gan Chaudhuri

WiFi-related energy consumption analysis of mobile devices in a walkable area by Abstract Interpretation.

Enrico Eugenio and Agostino Cortesi

12.30 PM – 2.00 PM: Lunch

2.00 – 3.00: Keynote:

Genomic Excitement and Quantitative Challenges
Partha P. Majumder

3.00 PM – 3.30 PM: Tea Break

3.30 PM – 5.00 PM: Paper Presentation

Analytics

A Collision of Beliefs: Investigating Linguistic Features for Religious Conflicts Identification on Tumblr

Swati Agarwal and Ashish Sureka

Scalable IQRA_IG Algorithm : An Iterative MapReduce Approach for Reduct Computation

Sai Prasad P.S.V.S., Bala Subrahmanyam Hotha and Praveen Kumar Singh

Simulation of MapReduce across Geographically Distributed Datacenters using CloudSim

Jayalakshmi D S and Srinivasan R

Sunday, January 15, 2017

9.30 AM – 10.30 AM: Registration

10.30 AM – 11.00 AM: Tea

11:00 AM – 12.30 PM: Keynote:

Privacy-enhanced Authorization in IoT
Jorge Cuellar

12:00 AM – 1.00 PM: Paper Presentation

Distributed Computing

Revamping the Frequency and Computational Time of RTOS Task – Power Dissipation
Sharma Saravanan and Sameera Shaik
CO2 Penalty and Disaster Aware Data Center and Service Placement for Cost Minimization
Rishi Sharma, Ranu Vikram, Bala Prakasa Rao Killi and Seela Veerabhadreswara Rao

12.30 PM – 2.00 PM: Lunch

2.00 PM – 3.00 PM: Keynote:

Esign: Digital Signature combined with power of online authentication
Rajat Moona

3.00 PM – 3.30 PM: Tea

3.30 PM – 5.00 PM: Paper presentation

Virtual Machines

PMM : A Novel Prediction based VM Migration Scheme in Cloud Computing
Srimoyee Bhattacharjee, Uttiya Sarkar, Sunirmal Khatua and Sarbani Roy
Bid Selection for Deadline Constrained Jobs over Spot VMs in Computational Cloud
Sharmistha Mandal, Sunirmal Khatua and Rajib Das
An Efficient Request-Based Virtual Machine Placement Algorithm for Cloud Computing
Sanjaya K. Panda and Prasanta K. Jana

Monday, January 16, 2017

9.30 AM – 10.30 AM: Keynote:

From Distributed Database to Cloud Database: A Design Perspective

Kamalakar Karlapalem

10.30 AM – 11.00 AM: Tea

11.00 AM – 12.30 PM: Paper Presentations

Access Control

An Efficient Framework for Verifiable Access Control based Dynamic Data Updates in Public Cloud

Sabitha S and Rajasree M S

Analyzing Protocol Security through Information-Flow Control

Naren N and Rudrapatna Shyamasundar

Efficient Image Authentication Scheme using Genetic Algorithm

Arjun Londhey and Manik Lal Das

12.30 PM – 2.00 PM: Lunch

2.00 PM – 3.30 PM: Paper Presentation

Security and Privacy

Dynamic Labelling to Enforce Conformance of Cross Domain Security/Privacy Policies

Naren N and Rudrapatna Shyamasundar

Privacy Preserving Signcryption

Payal Chaudhari and Manik Lal Das

MalCrawler: A Crawler for Seeking and Crawling Malicious Websites

A K Singh and Navneet Goyal

3.30 PM – 4.00 PM: Tea

4.00 PM – 4.30 PM: Poster Paper (Only Display Mode)

Spying Mobrob - Innovative Mobile Number Tracking System (Poster paper)

Sayar Kumar Dey, Prerna Choudhary and Günter Fahrnberger

A Domain Specific Language for Clustering (Poster paper)

Saiyedul Islam, Sundar Balasubramaniam, Poonam Goyal, Mohit Sati and Navneet Goyal

Designing a Secure Data Retrieval Strategy Using NoSQL Database (Poster paper)

Sayantani Saha, Tanusree Parbat and Sarmistha Neogy

4.30 PM – 5.00 PM: Closing Ceremony