

## 2016 HiPC International Workshop on Foundations of Big Data Computing (BigDF'16)

To be held in conjunction with HiPC 2016 on 19 December 2016, Hyderabad, India

<https://sites.google.com/site/hipcbigdf/>

### Advance Program

<b>08:50-10:30</b>	<b>Session 1</b>
08:50-09:00	Opening Remarks by Workshop Chairs
09:00-09:30	QoS aware Resource Management for Apache Cassandra Yasaswi Kishore, Venkat Datta, KV Subramaniam, Dinkar Sitaram
09:30-10:00	A High Performance Computing Framework for Data Mining Navneet Goyal, Sundar Balasubramaniam, Poonam Goyal, Saiyedul Islam, Mohit Sati
10:00-10:30	Application of an Asset Bubble Model to Microblog Data Analytics K. M. George, Ashwin Kumar Thandapani Kumarasamy
<b>10:30-11:00</b>	<b>Coffee Break</b>
<b>11:00-01:00</b>	<b>Session 2</b>
11:00-12:15	<i>Keynote Address: "A Framework for Real-Time Event Detection for Emergency Situations using Social Media Streams" by Prof. Vijay V. Raghavan, Alfred and Helen Lamson Endowed Professor in Computer Science, Center for Advanced Computer Studies, University of Louisiana, U.S.A.</i>
12:15-12:30	A fast, Apriori based approach to Association Rule Mining in large and growing datasets (short paper) Atmika Honnalgere, Abhinav Patluri
12:30-01:00	A Hybrid Recommender System using Weighted Ensemble Similarity Metrics and Digital Filters Ramesh Naidu Laveti, Janaki Ch, Supriya N Pal, N. Sarat Chandra Babu
<b>01:00-14:00</b>	<b>Lunch Break</b>
<b>14:00-16:00</b>	<b>Session 3</b>
14:00-15:15	<i>Keynote Address: "Big Data and High Performance Computing: Convergence?" by Prof. Geoffrey Fox, Distinguished Professor, School of Informatics and Computing, Indiana University, Bloomington, Indiana, U.S.A.</i>
15:15-15:30	High Frequency Trading with Complex Event Processing (short paper) Ajay Acharya, Nandini Sidnal
15:30-16:00	Big Data Analytics Architecture for Agro Advisory System Purnima Shah, Deepak Hiremath, Sanjay R Chaudhary
<b>16:00-16:30</b>	<b>Coffee Break</b>
<b>16:30-18:00</b>	<b>Session 4</b>
16:30-17:00	#ChennaiFloods: Leveraging Human and Machine Learning for Crisis Mapping during Disasters using Social Media Bhuvaneshwari Anbalagan, Valliyammai Chinnaiah
17:00-17:30	Multi-Dimensional Predictive Analytics for Risk Estimation of Extreme Events Laks Raghupathi, David Randell, Emma Ross, Kevin C. Ewans, Philip Jonathan
17:30-18:00	Compression acceleration using GPGPU Krishnaprasad Shastry, Avinash Pandey, Ashutosh Agrawal, Ravi Sarveswara
<b>18:00</b>	<b>Adjourn</b>