

# HiPC 2015 WORKSHOP 4: Workshop on Architectural Support and Middleware for InfoSymbiotics/ DDDAS

12/16/2015

2:00 PM – 4:00 PM

## Technical Presentations (Abstracts)

*Characterizing Distributed Stream Processing Systems for IoT Applications*

Anshu Shukla, Tarun Sharma and Yogesh Simmhan (SERC, Indian Institute of Science, Bangalore, India)

*Online Performance Model Learning to Minimize Performance Interference in Cloud Computing Infrastructure*

Hamzah Abdel-Aziz, Faruk Caglar, Shashank Shekhar, Michael Walker, Xenofon Koutsoukos and Aniruddha Gokhale (Vanderbilt University, USA)

*Scalability Aware Performance AutoTuning for OpenMP Applications*

Shajulin Benedict, Rejitha R.S, and Suja A.Alex (HPCCLoud Research Laboratory, SXCCE, India)

*Empowering the Next Generation City-Scale Smart Systems* Shashank Shekhar, Subhav Pradhan, Fangzhou Sun, Abhishek Dubey, Annirudha Gokhale (Vanderbilt University, USA)

*DDDAS-based Resilient Cyber Battle Management Services (D-RCBMS)*

Salim Hariri, Cihan Tunc, Pratik Satam and Firas Al-Moualem (University of Arizona, Tucson USA); Erik Blasch (Air Force Research Lab, Information Directorate, Rome, NY, USA)

*Secure Privacy-Preserving DDDAS/Infosymbiotics Systems*

Li Xiong and Vaidy Sunderam (Emory University, Atlanta, US)

4:00 PM – 4:30 PM

## Break

4:30 PM – 5:30 PM

## Panel Discussion: Systems and Applications Synergies in InfoSymbiotics/DDDAS

**Panelists:** Frederica Darema, Aniruddha Gokhale, Adrian Sandu

5:30 PM – 5:45 PM

## Closing Remarks