



NSF PI Meeting: The Science of Cloud

Mar 17-18, 2011, Arlington, VA



Organizers: Dr. Divy Agrawal (Professor, UC Santa Barbara), Dr. Mohamed Gouda (Program Director, National Science Foundation)

March 17: Day 1 of the Meeting

TIME	SESSION
7:45AM – 8:15AM	Opening Remarks: <ul style="list-style-type: none">• Divy Agrawal (UCSB) agrawal@cs.ucsb.edu• Farnam Jahanian (NSF) fjahania@nsf.gov• Susanne Hambrusch (NSF) shambrus@nsf.gov• Mohamed Gouda (NSF) mgouda@nsf.gov
8:20AM – 9:00AM	Session 1 (Cloud Architectures and Systems) Session Chair: Gagan Agrawal (Ohio-State) agrawal@cse.ohio-state.edu Speakers: <ul style="list-style-type: none">• Michael A. Kozuch (Intel) michael.a.kozuch@intel.com• Roger Barga (Microsoft) barga@microsoft.com
9:00AM – 10:00AM	Session 2 (Network Support for the Cloud) Session Chair: Umakishore Ramachandran (GA Tech) rama@cc.gatech.edu Speakers: <ul style="list-style-type: none">• Ken Birman (Cornell) ken@cs.cornell.edu• Lixin Gao (U Mass Amherst) lgao@ecs.umass.edu• Raj Jain (Washington U in S L) jain@cse.wustl.edu
10:00AM – 10:30AM	Coffee & Tea Break
10:30AM – 11:30AM	Session 3 (Data Portability, Consistency, and Management) Session Chair: Hakim Weatherspoon (Cornell) hweather@cs.cornell.edu Speakers: <ul style="list-style-type: none">• Michael Carey (UC Irvine) mjcarey@ics.uci.edu• Magdalena Balazinska (U of Washington) magda@cs.washington.edu• Daniel Abadi (Yale U) dna@cs.yale.edu
11:30AM – 12:30PM	Session 4 (Programming Models for the Cloud) Session Chair: Carlos Varela (RPI) cvarela@cs.rpi.edu Speakers: <ul style="list-style-type: none">• Marty Humphrey (U of Virginia) humphrey@cs.virginia.edu• John Rehr (Physics – U of Washington) jjr@uw.edu• Judy Qiu (Indiana U) xqiu@indiana.edu
12:30PM – 1:30PM	LUNCH
1:30PM – 2:30PM	Session 5 (Fault Masking in the Cloud) Session Chair: Lorenzo Alvisi (UT Austin) lorenzo@cs.utexas.edu Speakers: <ul style="list-style-type: none">• Jose Fortes (U of Florida) fortes@ufl.edu• Robbert Van Renesse (Cornell) rwr@cs.cornell.edu• Yi Pan (Georgia State) pan@cs.gsu.edu

TIME	SESSION
2:30PM – 3:30PM	Session 6 (Cloud Security, Privacy, and Auditing) Session Chair: Li Xiong (Emory U) lxiong@mathcs.emory.edu Speakers: <ul style="list-style-type: none"> • Anna Squicciarini (Penn State U) acs20@psu.edu • Ragib Hasan (John Hopkins) rhasan7@jhu.edu • Kui Ren (Illinois Inst. Tech.) kren2@iit.edu
3:30PM – 4:00PM	COFFEE & TEA BREAK
4:00PM – 5:00PM	Session 7 (Cloud Debugging, Diagnosis, Certification, and Update) Session Chair: Xifeng Yan (UCSB) xyan@cs.ucsb.edu Speakers: <ul style="list-style-type: none"> • Priya Narasimhan (CMU) priya.narasimhan@intel.com • Chandra Krintz (UCSB) ckrintz@cs.ucsb.edu • Iulian Neamtiu (U C Riverside) neamtiu@cs.ucr.edu
5:00PM -- 7:00PM	Reception & Research Poster Presentations

MARCH 18, 2011: Day 2 of the Meeting

TIME	SESSION
8:00AM – 9:00AM	Session 8 (Cloud Self-Monitoring and Autonomic Control) Session Chair: Bhuvan Urgaonkar (Penn State U) bhuvan@cse.psu.edu Speakers: <ul style="list-style-type: none"> • Jon Weissman (U of Minnesota) jon@cs.umn.edu • Ningfang Mi (Northeastern U) ningfang@ece.neu.edu • Shivnath Babu (Duke U) shivnath@cs.duke.edu
9:00AM – 9:40AM	Session 9 (Cloud Inter-operability and Standardization) Session Chair: Selcuk Candan (ASU) candan@asu.edu Speakers: <ul style="list-style-type: none"> • Sudhakar Pamidighantam (NCSA) spamidig@ncsa.edu • Amr El Abbadi (U C S B) amr@cs.ucsb.edu
9:40AM – 10:00AM	COFFEE & TEA BREAK
10:00AM – 11:00AM	Session 10 (Green Clouds) Session Chair: Kwa-Sur Tam (Virginia Tech) ktam@vt.edu Speakers: <ul style="list-style-type: none"> • Leana Golubchik (USC) leana@usc.edu • Karsten Schwan (GA Tech) schwan@cc.gatech.edu • Kishor Trivedi (Duke U) kst@ee.duke.edu
11:00AM – 12:00NOON	Session 11 (Cloud Test-beds) Session Chair: Sriram Krishnan (S D Supercomputer Center) sriram@sdsc.edu Speakers: <ul style="list-style-type: none"> • Calton Pu (GA Tech) calton.pu@cc.gatech.edu • Geoffrey Fox (Indiana U) gcf@indiana.edu • C. Lee Giles (Penn State) giles@ist.psu.edu
12:00NOON	BOXED LUNCH