CollaborateCom 2013

Monday, 21 October 2013	
8:00 AM Onwards	Registration
8:30 AM - 8:45 AM	Opening Remarks
8:45 AM- 10:00 AM	Keynote 1: Prof. Lorenzo Alvisi (University of Texas at Austin, USA)
10:00 AM- 10:20 AM	Coffee Break
10:20 AM- 12:20 AM	Session 1: Security Session Chair: Surya Nepal • **A Study on Evolution of Email Spam Over Fifteen Years** *De Wang, Danesh Irani and Calton Pu* (Full Research Paper) • **Towards Comprehensive and Collaborative Forensics on Email Evidence** *Justin Paglierani, Michael Mabey and Gail-Joon Ahn.* (Full Research Paper) • **Non-intrusive process-based monitoring system to mitigate and prevent VM vulnerability explorations** *Chun-Jen Chung, Jingsong Cui, Pankaj Kumar Khatkar and Dijiang Huang.* (Full Application Paper) • **Towards Multi-policy Support for IaaS Clouds to Secure Data Sharing** *Ying Fairweather and Dongwan Shin* (Full Application Paper)
10:20 AM- 12:20 PM	Session 2: Collaborative Work Session Chair: Mudhakar Srivatsa • **Autonomic Swarms for Regenerative and Collaborative Networking** *Rui-Ping Lua and Wee Keong Ng* (Full Research Paper) • **Supporting Adaptable Granularity of Changes for Massive-scale Collaborative Editing** *Luc Andre, Stéphane Martin, Gérald Oster and Claudia-Lavinia Ignat* (Full Research Paper) • **Supporting Collaborative Work by Learning Process Models and Patterns from Cases** *Stefan Schönig, Michael Zeising and Stefan Jablonski* (Full Research Paper) • **A Context-Aware Architecture for Improving Collaboration of Users in Groupware Systems** *Luis G. Montané-Jiménez, Edgard Benítez-Guerrero and Carmen Mezura-Godoy.* (Full Research Paper)

12:20 PM- 1:20 PM	Lunch Break
1:20 PM - 3:50 PM	Session 3: Big Data Session Chair: James Joshi **Efficient Opportunistic Sensing using Mobile Collaborative Platform MOSDEN** *Prem Prakash Jayaraman, Charith Perera, Dimitrios Georgakopoulos and Arkady Zaslavsky* (Full Research Paper) **Influence Maximization for Big Data Through Entropy Ranking and Min-Cut** *Agustin Sancen-Plaza and Andres Mendez-Vazquez* (Full Application Paper) **Real-Time Collaborative Planning with Big Data:Technical Challenges and In-Place Computing** *Wenwey Hseush, Yi-Cheng Huang, Shih-Chang Hsu, Calton Pu* (Invited Paper) **Towards Context-aware Recommendations: Strategies for Exploiting Multi-criteria Communities** *Thuy Ngoc Nguyen and An Te Nguyen* (Full Research Paper) **A Content-Context-Centric Approach for Detecting Vandalism in Wikipedia** *Lakshmish Ramaswamy, Raga Sowmya Tummalapenta, Kang Li and Calton Pu.* (Full Research Paper)
1:20 PM - 3:50 PM	Session 4: Distributed Systems Session Chair: Michael Zeising **Workflow Definition by Cloud Collaboration** *Chi Wu-Lee and Gwan-Hwan Hwang* (Full Research Paper) **Ensuring Compliance of Collaborative and Distributed Workflows** *David Knuplesch, Manfred Reichert, Walid Fdhila, Stefanie Rinderle-Ma and Ruediger Pryss.* (Full Application Paper) **SBaaS: Safe Box as a Service** *Mounira Msahli and Ahmed Serhroucheni* (Industry Paper) **Concurrency Control and Awareness Support for Multi-synchronous Collaborative Editing** *Mehdi Ahmed Nacer Nacer, Valter Balegas, Pascal Urso and Nuno Preguica* (Full Application Paper) **MobiCloud: A Reliable MobileCloud Management System** Ahmed Khalifa and Mohamed Eltoweissy (Invited Paper)
3:50 PM- 4:20 PM	Coffee Break
4:20 PM- 5:50 PM	Panel 1: Federated Security Platforms: Are we there yet?

Tuesday, 22 October 2013	
8:00 AM Onwards	Registration
8:30 AM - 9:40 AM	Keynote 2: Prof. Vasant Hanovar, Pennsylvania State University, USA
9:40 AM- 10:00 AM	Coffee Break
10:00 AM- 12:30 PM	Session 5: Mobile Collaboration Session Chair: Qusay Mahmoud **Making Offloading Decisions Resistant to Network Unavailability for Mobile Cloud Collaboration** *Huijun Wu, Dijiang Huang and Samia Bouzefrane* (Full Research Paper) **Collaboration Support Through Mobile Processes and Entailment Constraints** *Rüdiger Pryss, Steffen Musiol and Manfred Reichert* (Full Research Paper) **uBeeMe - a Platform to Enable Mobile Collaborative Applications** *Ronny Klauck, Jan Gäbler, Mario Pink and Hartmut König* (Full Application Paper) **A Hybrid Mobility Model based on Social, Cultural and Language Diversity** *Lutful Karim and Qusay Mahmoud* (Full Application Paper) **Building Multi-model Collaboration in Detecting Multimedia Semantic Concepts** *Hsin-Yu Ha, Fausto C. Fleites, Shu-Ching Chen* (Invited Paper)
10:00 AM- 12:30 PM	Session 6 : Social Network Session Chair: Sanat K. Bista **Modeling Privacy Settings of an Online Social Network from a Game-Theoretical Perspective** *Jundong Chen, Matthias R. Brust, Ankunda R. Kiremire and Vir Phoha* (Full Research Paper) **Web Based Collaborative Social Album Authoring System Using Facebook Photos** *Changhyeon Lee, Fathoni Arief Musyaffa and Yong-Moo Kwon* (Full Application Paper) **Silence Behavior Mining on Online Social Networks** *Qingbo Hu, Guan Wang, Shuyang Lin, Philip Yu* (Invited Paper) **Robust and Fast Authentication of Session Cookies in Collaborative and Social Media Using Position Indexed Hashing** *Amerah Alabrah and Mostafa Bassiouni* (Full Research Paper) **Click Traffic Analysis of Short URL Spam on Twitter** *De Wang, Acar Tamersoy, Shamkant B. Navathe, Ling Liu,*

	Danesh Irani, Calton Pu (Invited Paper)
12:300 PM- 1:30PM	Lunch Break
1:30 PM- 3:00 PM	Panel 2: **Collaborative Computing and Current Hot Topics**
3:00 PM - 3:20 PM	Coffee Break
3:20 PM- 5:50 PM	Session 7 : Privacy and Trust Session Chair: Elisa Bertino **A standard-compliant privacy Privacy Aware Service Selection and Provisioning Architecture for Web Service** *Anna Squicciarini, Barbara Carminati, Sushama Karumanchi* (Invited Paper) **Byzantine-resistant reputation-based trust management** *Amira Bradai, Walid Ben-Ameur and Hossam Afifi* (Full Application Paper) **Collaborative Approach for Inter-domain Botnet Detection in Large-scale Networks** *Hachem Guerid, Karel Mittig and Ahmed Serhrouchni* (Full Research paper) **Cheeka : A mobile application for personal safety** *Ananda Kanagaraj S and Arjun G* (Industry paper) **Private Overlay of Enterprise Social Data and Interactions in the Public Web Context** *Kundan Singh and Venkatesh Krishnaswamy* (Full Application Paper)
3:20 PM- 5:50 PM	Session 8 : Team Collaboration Session Chair: Latifur Khan **Social Team Awareness** *Delfina Malandrino, Ilaria Manno, Alberto Negro, Andrea Petta, Vittorio Scarano and Luigi Serra* (Full Application Paper) **Towards improving user satisfaction in decentralized P2P networks** *Marco Biazzini, Patricia Serrano Alvarado and Raziel Carvajal* (Full Application Paper) **Increasing Awareness in Distributed Software Teams: a First Evaluation** *Kevin Dullemond and Rini Van Solingen* (Full Application Paper) **Browser-Based Collaborative Modeling in Near Real-Time** *Petru Nicolaescu, Michael Derntl and Ralf Klamma.* (Full Research Paper) **Map Reduce Guided Scalable Compressed Dictionary Construction for Repetitive Sequences** *Pallabi Parveen, Bhavani Thuraisingham and Latifur Khan* (Invited Paper)

Wednesday, 23 October 2013	
8:00 AM Onwards	Registration
8:30 AM - 9:40 AM	Keynote 3: Prof. Murat Kantarcioglu, University of Texas at Dallas, USA
9:40 AM- 10:00 AM	Coffee Break
10:00 AM- 12:30 PM	Session 9: Virtual Collaboration Session Chair: Dimitrios Georgakopoulos • **A Collaborative Virtual Workspace for Factory Configuration and Evaluation** *Ingo Zinnikus, Torsten Spieldenner, Xiaoqi Cao, Matthias Klusch, Christopher Krauss, Andreas Nonnengart and Philipp Slusallek.* (Full Research Paper) • **Dynamic Strategies of Conflict Resolution on Human Perception of Equality within Multi-user Collaborative Virtual Environments** *Aida Erfanian, Tao Zeng and Yaoping Hu* (Full Application Paper) • **Leadership's Effect on Overall Temporal Patterns of Virtual Teams** *Ian Brooks and Kathleen Swigger* (Full Application Paper) • **Impact of Mediating Technologies on Talk and Emotion: Questioning "Commonsense"** *Joon Suk Lee and Deborah Tatar* (Full Research Paper) • **Improving Textual Merge Result** *Mehdi Ahmed-Nacer, Pascal Urso and François Charoy* (Full Application Paper)
10:00 AM- 12:30 PM	Session 10 : Recommendation Systems Session Chair: Indrajit Ray • **Profile Sharing Recommendation System for Enterprise Collaboration** *Shivangi Agarwal, Krishna Dhara and Venkatesh Krishnaswamy* (Full Application Paper) • **Understanding Venue Popularity in Fourquare** Xuelian Long, Lei Jin, James Joshi (Invited Paper) • **A Social Trust Based Friend Recommender for Online Communities** *Sanat Bista, Cecile Paris, Surya Nepal* (Invited Paper) • **A Capability Requirements Approach for Predicting Worker Performance in Crowdsourcing** *Umair Ul Hassan and Edward Curry* (Full Research Paper) • **Answering Complex Location-Based Queries with Crowdsourcing**

	Karim Benouaret, Raman Valliyur-Ramalingam and François Charoy (Full Research Paper)
12:30 PM- 1:300 PM	Lunch Break
1:30 PM- 3:30 PM	Session 11: Web Data Management Session Chair: Sanat K. Bista **Personal Health Record Storage on Privacy Preserving Green Clouds** *Kirill Belyaev, Indrakshi Ray, Indrajit Ray and Gary Luckasen* (Full Application Paper) **Data Architecture for Telehealth Services Research: A Case Study of Home Tele-Monitoring** *Branko Celler, Surya Nepal* (Invited Paper) **Shared Editing on the Web: A Classification of Developer Support Libraries** *István Koren, Andreas Guth and Ralf Klamma* (Full Application Paper) **Domain Ontology-based Feature Reduction for High Dimensional Drug Data and its Application to 30-Day Heart-failure Readmission Prediction** Sisi Lu, 2, Ye Ye, Rich Tsui, Howard Su, Ruhsary Rexit, Sahawut Wesaratchakit, Rebecca Hwa (Invited Paper)
1:30 PM- 3:30 PM	Session 12: Context Awareness and Awareness Support Session Chair: James Joshi **Enterprise 2.0 in Action: Potentials for Improvement of Awareness Support in Enterprises** *Hilda Tellioglu and Simon Diesenreiter* (Full Application Paper) **When to Interrupt Global Software Engineers to Provide them with What Information?** *Ben Van Gameren and Rini Van Solingen* (Full Application Paper) **DynaSurface:A Framework for Device Notifications using Nano Coatings in Connected Devices** *Nagaraju Samudrala and Manjushree B.M*. (Full Application Paper) **How to tag it right? Semi-automatic support for email management** *Mateusz Dolata, Nils Jeners and Wolfgang Prinz* (Full Application Paper)