

IEEE CIC Conference Day 1: Tuesday, Nov 1, 2016

8am-5:30pm	Conference Registration <i>(Conference Registration Desk at Second Floor Foyer)</i>			
7:30-8:30am	Informal Meet & Greet – Breakfast <i>(Ballroom Foyer)</i>			
8:30-8:45am	Welcome, Conference Opening Remarks <i>(Symphony Ballroom)</i>			
8:45-9:45am	Keynote 1: Mahadev Satyanarayanan(Satya) <i>Carnegie Group Professor of Computer Science, CMU, USA</i> Edge Computing: Vision and Challenges <i>(Symphony Ballroom)</i>			
9:45-10am	Break <i>(Symphony Foyer)</i>			
10am-12noon	Session 1 Collaboration <i>(Symphony Ballroom B)</i> Chair: Dimitrios Georgakopoulos <i>RMIT University, Australia</i>	Session 2 Access Control <i>(Symphony Ballroom C)</i> Chair: Anna Squicciarini, <i>PennState</i>	International Workshop on Collaborative Internet Computing for Disaster Management (CIC-DM) <i>(Jimmy Stewart)</i> Chairs: Yu-Ru Lin; Vladimir Zadorozhny; Ole-Christoffer Granmo	International Workshop on Internet-scale Clouds and Big Data (ISCBD) + Workshop on Trusted Collaboration Workshop <i>(August Wilson)</i> Chairs: Balaji Palanisamy; Lakshmesh Ramaswamy, Hongxin Hu
12:00am-1:30pm	Lunch <i>(Symphony A)</i>			
1:30pm – 2:30pm	Keynote 2: Raj Jain <i>Cox Professor of CS&E, Washington University in St. Louis, USA</i> Multi-Cloud Global Application Delivery for Internet of Things and Smart Cities <i>(Symphony Ballroom)</i>			
2:30pm – 2:45pm	Break <i>(Symphony Foyer)</i>			
2:45-4:45pm	Session 3 Privacy <i>(Symphony Ballroom B)</i> Chair: Maheswaran Muthukumar, <i>McGill University</i>	Session 4 Data Security <i>(Symphony Ballroom C)</i> Chair: Amir Masoumzadeh, <i>SUNY at Albany</i>	International Workshop on Collaborative Internet Computing for Disaster Management (CIC-DM) <i>(Jimmy Stewart)</i> Chairs: Yu-Ru Lin; Vladimir Zadorozhny; Ole-Christoffer Granmo	
5:30-8:30 pm	Reception Dinner Reception Keynote: Rasu Shrestha <i>Chief Innovation Officer, University of Pittsburgh Medical Center, Executive Vice President of UPMC Enterprises, USA</i> The Innovation Imperative in Healthcare: Collaboration and intelligent computing as a framework for the future of care <i>(Symphony A)</i>			

IEEE CIC Conference Day 2: Wednesday, Nov 2, 2016

8am-5:30pm	Conference Registration <i>(Conference Registration Desk at Second Floor Foyer)</i>			
7:30-8:45am	Informal Meet & Greet – Breakfast <i>(Ballroom Foyer)</i>			
8:45-9:45am	Keynote 3: Aidong Zhang, <i>Distinguished Professor, SUNY Buffalo & NSF PD – IIS</i> Computing with Communities in Internet and Social Networks <i>(Symphony Ballroom)</i>			
9:45–10am	Break <i>(Symphony Foyer)</i>			
10am-12noon	Session 5 Cloud & Internet <i>(Symphony Ballroom B)</i> Chair: Surya Nepal, <i>Data61, CSIRO</i>	Session 6 Web Security & Privacy <i>(Symphony Ballroom C)</i> Chair: Aibek Musaev <i>Georgia Institute of Technology</i>	IEEE International Workshop on Privacy in Collaborative & Social Computing (PiCSoC) <i>(Jimmy Stewart)</i> Chairs: Elena Ferrari; Barbara Carminati; Amir Masoumzadeh	<i>Tutorial:</i> Internet of Things (IoT): Security Issues and Challenges Prashant Krishnamurthy <i>University of Pittsburgh, USA</i> <i>(August Wilson)</i>
12noon - 1:30pm	Lunch <i>(Symphony A)</i>			
1:30 – 2:30	Keynote 4: Scharam Dustdar <i>Professor of CS, Head of Distributed Systems Group, TU, Vienna</i> Elastic Computing - A Novel Paradigm for Distributed Systems <i>(Symphony Ballroom)</i>			
2:30- 2:45	Break <i>(Symphony Foyer)</i>			
2:45-4:45pm	Session 7 Distributed Processing <i>(Symphony Ballroom B)</i> Chair: Mohamed Eltoweissy, <i>Virginia Military Institute</i>	Session 8 Twitter & Sentiments <i>(Symphony Ballroom C)</i> Chair: Balaji Palanisamy, <i>University of Pittsburgh</i>	IEEE International Workshop on Privacy in Collaborative & Social Computing (PiCSoC) <i>(Jimmy Stewart)</i> Chairs: Elena Ferrari; Barbara Carminati; Amir Masoumzadeh	
5:30-9:30pm	Banquet/Social Dinner & Awards Ceremony Le Mont Restaurant, Mt. Washington, Pittsburgh (Bus will arrive at 5:30PM – depart by 5:45PM)			

IEEE CIC Conference Day 3: Thursday, Nov 3, 2016

8am-5pm	Conference Registration <i>(Conference Registration Desk at Second Floor Foyer)</i>			
7:30-8:45am	Informal Meet & Greet – Breakfast <i>(Ballroom Foyer)</i>			
8:45-9:45am	Keynote 5: Andrew A. Chien <i>William Eckhardt Distinguished Service Professor in CS, Director of CERES Center for Unstoppable Computing, Senior Fellow of Computation Institute, University of Chicago Senior Computer Scientist in Mathematics & CS, Argonne National Laboratory</i> Zero-Carbon Cloud (ZCCloud): Can Dispatchable Computing Loads shrink the Cloud's rapidly growing Carbon Footprint? <i>(Symphony Ballroom)</i>			
9:45-10am	Break (<i>Ballroom Foyer</i>)			
10am-12noon	Session 9 Data Processing <i>(Symphony Ballroom B)</i> Chair: De Wang, <i>Google Inc.</i>	Session 10 Mining <i>(Symphony Ballroom C)</i> Chair: Balaji Palanisamy, <i>University of Pittsburgh</i>	Session 11 Online Social Networks <i>(Jimmy Stewart)</i> Chair: Barbara Carminati, <i>University of Insubria</i>	Tutorial: Big Data for Disaster Response Aibek Musaev Calton Pu <i>Georgia Institute of Technology, USA</i> <i>(August Wilson)</i>
12noon-1:30pm	Lunch (<i>Symphony A</i>)			
1:30pm – 3:30pm	Session 12 Citizens & Society <i>(Symphony Ballroom C)</i> Chair: James Joshi, <i>University of Pittsburgh</i>		Session 13 Data Security 2 <i>(Jimmy Stewart)</i> Chair: Barbara Carminati, <i>University of Insubria</i>	Tutorial: Big Data for Disaster Response Aibek Musaev Calton Pu <i>Georgia Institute of Technology, USA</i> <i>(August Wilson)</i>
3:30pm – 3:45pm	Break (<i>Ballroom Foyer</i>)			

Session 1: Collaboration

Chair: Dimitrios Georgakopoulos, RMIT University, Australia

10:00 A.M. – Noon, *Symphony Ballroom B*

- **Discovering Opinion Changes in Online Reviews via Learning Fine-grained Sentiments (Regular paper)**
Zihang Liu (*Jinyuan Senior High School, China*), Yu-Ru Lin (*University of Pittsburgh, USA*), Maoquan Wang and Zhao Lu (*East China Normal University, China*).
- **Business process tasks-assignment and resource allocation in Crowdsourcing context (Regular paper)**
Kahina Bessai and François Charoy (*University of Lorraine, LORIA-INRIA-UMR, France*)
- **Why is it difficult for welfare recipients to return to work? A case study through a collaborative online community (Application paper)**
Surya Nepal and Cecile Paris (*CSIRO Data, Sydney, Australia*)
- **Social-PPM: Personal Experience Sharing and Recommendation (Application paper)**
Anne H. H. Ngu (*Texas State University, USA*), Shawn Feng (*University of Texas at Austin, USA*), and Helen Paik (*University of New South Wales, Australia*).

Session 2: Access Control

Chair: Anna Squicciarini, *Penn State University, USA*

10:00 A.M. – Noon, *Symphony Ballroom C*

- **An Attribute-Based Access Control Extension for OpenStack and its Enforcement Utilizing the Policy Machine (Invited paper)**
Smriti Bhatt, Farhan Patwa, and Ravi Sandhu (*University of Texas at San Antonio, USA*)
- **A Patient-Centric Attribute Based Access Control Scheme for Secure Sharing of Personal Health Records Using Cloud Computing (Application paper)**
Harsha S. Gardiyawasam Pussewalage and Vladimir A. Oleshchuk (*University of Agder, Norway*)
- **Capturing policies for fine-grained access control on mobile devices (Invited paper)**
Prajit Kumar Das, Anupam Joshi and Tim Finin (*University of Maryland, USA*)
- **An Administrative Model for Collaborative Management of ABAC Systems and its Security Analysis (Invited paper)**
Sadhana Jha, Shamik Sural (*Indian Institute of Technology, Kharagpur, India*), Vijayalakshmi Atluri and Jaideep Vaidya (*Rutgers University, USA*)

Session 3: Privacy

Chair: Maheswaran Muthukumar, *McGill University, Canada*

2:45 – 4:45 P.M., *Symphony Ballroom B*

- **RahasNym: Pseudonymous Identity Management System for Protecting against Linkability (Invited paper)**
Hasini Gunasinghe and Elisa Bertino (*Purdue University, USA*)
- **Big Data Privacy Risk - Connecting Many Large Data Sets (Invited paper)**
Star Ying (*U.S. Department of Commerce, USA*) and Tyrone Grandison (*Institute for Health Metrics and Evaluation*)
- **Collaborative Differentially Private Outlier detection for Categorical Data (Regular paper)**
Hafiz Asif, Tanay Talukdar, Jaideep Vaidya, (*Rutgers University, USA*) Basit Shafiq (*LUMS, Pakistan*) and Nabil Adam (*Rutgers University, USA*).
- **Brain Computer Interface (BCI) Applications: Privacy Threats and Countermeasures (Application paper)**
Hassan Takabi, Anuj Bhalotiya and Manar Alohaly (*University of North Texas, USA*)

Session 4: Data Security

Chair: Amir Masoumzadeh, SUNY at Albany, USA

2:45 – 4:45 P.M., *Symphony Ballroom C*

- **Towards a science for adaptive defense: Revisit server protection (Invited paper)**
Zhisheng Hu, Ping Chen, Yang Lu, Minghui Zhu and Peng Liu (Pennsylvania State University, USA)
- **Smart Moving Target Defense for Linux Container Resiliency (Invited paper)**
Mohamed Azab (*The City of Scientific Research and Technological Applications, Egypt*), Bassem Mokhtar (*Alexandria University, Egypt*), Amr Abed (*Virginia Tech, USA*), Mohamed Eltoweissy (*Virginia Military Institute, USA*).
- **QL-SimP: Query Language for Secure Interoperable Multi-Granular Provenance Framework (Regular paper)**
Amani Abu Jabal and Elisa Bertino (*Purdue University, USA*)
- **Software Security Professionals: Expertise Indicators (Regular paper)**
Mortada Al-Banna, Boualem Benatallah and Moshe C. Baroukh (*University of New South Wales, Australia*)

Session 5: Cloud & Internet

Chair: Surya Nepal, Data61, CSIRO, Australia

10:00 A.M. – Noon, *Symphony Ballroom B*

- **Modeling Data-Plane Power Consumption of Future Internet Architectures (Invited paper)**
Chen Chen (*ETH Zurich, Switzerland and Carnegie Mellon University, USA*), David Barrera, and Adrian Perrig, *ETH Zurich (ETH Zurich, Switzerland)*
- **The Flip-Flop SLA Negotiation Strategy Using Concession Extrapolation and 3D Utility Function (Regular paper)**
Waheed Aslam Ghumman, Alexander Schill (*TU Dresden, Germany*) and Jörg Lässig (*University of Applied Sciences Zittau/Görlitz, Germany*)
- **A programming Language and System for Heterogeneous Cloud of Things (Invited paper)**
Robert Wenger, Xiru Zhu, Jayanth Krishnamurthy, and Muthucumaru Maheswaran (*McGill University, Canada*)
- **Information Fusion Architecture for Variable-Load Scheduling in a Cloud-Assisted CPS (Invited paper)**
Brijesh Kashyap Chejerla and Sanjay Madria (*Missouri University of Science & Technology, USA*)

Session 6: Web Security & Privacy

Chair: Aibek Musaev, Georgia Institute of Technology, USA

10:00 A.M. – Noon, *Symphony Ballroom C*

- **On the Imminent Advent of Botnet Powered Cracking (Regular paper)**
Jega Anish Dev (*University of Florida, USA*)
- **Hardening the OAuth-Webview Implementations in Android Applications by Re-factoring the Chromium Library (Regular paper)**
Fadi Mohsen (*University of Michigan at Flint, USA*) and Mohamed Shehab (*University of North Carolina at Charlotte, USA*)
- **A Model of Paradoxical Privacy Behavior in Online Users (Invited paper)**
Christopher Griffin (*United States Naval Academy*), Sarah Rajtmajer, Anna Squicciarini (*Pennsylvania State University*)

- **Differentially Private Distributed Data Analysis (Application paper)**
Hassan Takabi, Samir Koppikar (*University of North Texas, USA*), and Saman Taghavi Zargar (*Cisco Systems Inc., USA*).

Session 7: Distributed Processing

Chair: Mohamed Eltoweissy, Virginia Military Institute, USA

2:45 – 4:45 P.M., *Symphony Ballroom B*

- **Collaborative Workflow Composition as a Service - An Infrastructure Supporting Collaborative Data Analytics Workflow Design and Management (Invited paper)**
Jia Zhang, Qihao Bao, Xiaoyi Duan, (*Carnegie Mellon University at Silicon Valley, USA*), Shiyong Lu (*Wayne State University, USA*), Lijun Xue, Runyu Shi (*Carnegie Mellon University at Silicon Valley, USA*), and Pingbo Tang (*Arizona State University, USA*)
- **Statistical verification of process conformance based on log equality test (Invited paper)**
Hyerim Bae, Sung-hyun Sim, Yulim Choi, (*Pusan National University, Korea*) and Ling Liu (*Georgia Institute of Technology, USA*)
- **A Transaction Model with Multilevel Consistency for Shared Data in Distributed Groupware Systems (Invited paper)**
Anand Tripathi (*University of Minnesota, USA*)
- **Application of bloom filter for duplicate URL detection in a web crawler (Regular paper)**
Aveksha Kapoor and Vinay Arora (*Thapar University, India*)

Session 8: Twitter & Sentiments

Chair: Balaji Palanisamy, University of Pittsburg, USA

2:45 – 4:45 P.M., *Symphony Ballroom C*

- **TweetRipple: Understanding Your Twitter Audience and the Impact of your Tweets (Invited paper)**
Amanda Dennett (*Community Engatement Division, Dep. Of Human Services, Australis*), Surya Nepal, Cecile Paris and Bella Robinson (*Data61, CSIRO, Australia*)
- **Measuring Quality of Collaboratively Edited Documents: the case of Wikipedia (Regular paper)**
Quang-Vinh Dang and Claudia-Lavinia Ignat (*Universite de Lorraine & Inria, France*)
- **Gathering high quality information on landslides from Twitter by relevance ranking of users and tweets (Regular paper)**
Aibek Musaev and Qixuan Hou (*Georgia Institute of Technology, USA*)
- **Integrating Multiple Data Sources to Enhance Sentiment Prediction**
Brian Heredia, Taghi M. Khoshgoftaar, Joseph D. Prusa and Michael Crawford (*Florida Atlantic University, USA*)

Session 9: Data Processing

Chair: De Wang, Google Inc.

10:00 A.M. – Noon, *Symphony Ballroom B*

- **Constructing the Three Graphs for the Large-Scale Heterogeneous Information System (Application paper)**
Bing Li (*Xi'An Technological University, China*)
- **Compacted Bloom Filter (Regular paper)**
Negar Mosharraf, Anura P. Jayasumana and Indrakshi Ray (*Colorado State University, USA*)
- **Information Diffusion Analysis of Rumor Dynamics over a Social-interaction based Model (Invited paper)**

De Wang, Aibek Musaev, Calton Pu (*Georgia Institute of Technology, USA*)

➤ **Feature-based Adaptation and its Implementation (Application paper)**

Anne Marie Amja, Abdel Obaid, Hafedh Mili, (*University of Quebec at Montreal, Canada*) and Zahi Jarir (*Cadi Ayyad University, Morocco*)

Session 10: Mining

Chair: Balaji Palanisamy, *University of Pittsburgh, USA*

10:00 A.M. – Noon, *Symphony Ballroom C*

➤ **Detecting Discrimination in a Black-box Classifier (Invited paper)**

Yasmeen Alufaisan, Murat Kantarcioglu, Yan Zhou (*University of Texas at Dallas, USA*)

➤ **Inferred Awareness to Support Mixed-Activity Collaboration (Invited paper)**

Prasun Dewan (*University of North Carolina, USA*)

➤ **Differentiating Non-Isomorphic Graphlets for Graph Analytics in Big Data (Invited paper)**

John Calvin Alumbaugh, Qinghua Li, (*University of Arkansas, USA*), and Vincent C. Hu (*National Institute of Standards and Technology, USA*)

➤ **The Roles of Information Seeking Dynamics in Sustaining the Community Participation (Regular paper)**

Xidao Wen, Di Lu, Yu-Ru Lin (*University of Pittsburgh, USA*) and Claudia Lopez (*Universidad Tecnica Federico Santa Maria, Chile*)

Session 11: Online Social Networks

Chair: Barbara Carminati, *University of Insubria, Italy*

1:30 – 3:30 P.M., *Symphony Ballroom B*

➤ **DLSAS: Distributed Large-Scale Anti-Spam Framework for Decentralized Online Social Networks (Invited paper)**

Amira Soliman and Sarunas Girdzijaukas (*KTH Royal Institute of Technology, Sweden*)

➤ **Distributed Large-Scale Data Collection in Online Social Networks (Invited paper)**

Hariton Efstathiades, Demetris Antoniadis, George Pallis and Marios D. Dikaiakos (*University of Cyprus, Cyprus*)

Session 12: Citizens & Society

Chair: James Joshi, *University of Pittsburgh, USA*

1:30 – 3:30 P.M., *Symphony Ballroom C*

➤ **Trip Route Planning for Bicycle-Sharing Systems (Invited paper)**

Jiawei Zhang (*University of Illinois at Chicago, USA*) and Philip S. Yu (*University of Illinois at Chicago, USA and Institute for Data Science, Tsinghua University, China*)

➤ **CyanoTRACKER: A Citizen Science Project for Reporting Harmful Algal Blooms (Application paper)**

Michael Scott, Lakshmish Ramaswamy and Victor Lawson (*University of Georgia*)

➤ **Can a government use social media to support disadvantaged citizens? (Regular paper)**

Cecile Paris and Surya Nepal (*CSIRO Data61, Australia*)

Session 13: Data Security 2

Chair: Barbara Carminati, University of Insubria, Italy

1:30 – 3:30 P.M., *Jimmy Stewart*

- **Towards Automated Threat Intelligence Fusion (Invited paper)**
Ajay Modi, Zhibo Sun, Anupam Panwar, Tejas Khairnar, Ziming Zhao, Adam Doupe, Gail-Joon Ahn and Paul Black (*Arizona State University, USA*)
- **Enabling Attribute Based Encryption as an Internet Service (Invited paper)**
Runhua Xu and James Joshi (*University of Pittsburgh, USA*)

Workshop Session: International Workshops on Internet-scale Clouds and Big Data & International Workshop on Trusted Collaboration

Chairs: Balaji Palanisamy; Lakshmish Ramaswamy, Hongxin Hu

10:00 A.M. – Noon, *August Wilson*

- **Characteristics and Requirements of Big Data Analytics Applications**
Jameela Al-Jaroodi (*Robert Morris University, USA*) and Nader Mohamed (*Middleware Technologies Labs, Bahrain*)
- **Knowledge Graph-Based Query Rewriting in a Relational Data Harmonization Framework (Invited Paper)**
Neda Abolhassani (*University of Georgia, USA*), Teresa Tung (*Accenture Technology Labs, USA*), and Lakshmish Ramaswamy (*University of Georgia, USA*)
- **Image-based Seed Generation (TrustCol Workshop Invited Paper)**
Nader Nassar (*IBM, USA*), Li-Chiou Chen (*Pace University, USA*)
- **TrustZone Explained: Architectural Features and Use Cases (TrustCol Workshop Invited Paper)**
Bernard Ngabonziza, Daniel Martin, Anna Bailey, Haeyun Cho, Sarah Martin, Ziming Zhao, Adam Doupe, Gail-Joon Ahn (*Arizona State University, USA*)
- **Cloud Security: A Review of Current Issues and Proposed Solutions TrustCol Workshop Invited Paper)**
Napoleon C. Paxton (Clemson University)

Workshop Session: International Workshop on Collaborative Internet Computing for Disaster Management

Chairs: Yu-Ru Lin; Vladimir Zadorozhny; Ole-Christoffer Granmo

Workshop opening (10:00--10:15)

Workshop organizers (Yu-Ru Lin, Vladimir Zadorozhny, Ole-Christoffer Granmo.)

Keynote (10:15--11:15)

➤ The Dynamics of Risk

Louise Comfort, (*Professor of Public and International Affairs, Director, Center for Disaster Management, University of Pittsburgh, USA*)

Invited talk (11:15--11:45)

➤ Using Biased Social Samples for Disaster Response

Fred Morstatter, (*Arizona State University, USA*)

Accepted paper presentation (11:45--12:05)

➤ Monitoring Collective Attention During Disasters

Xingsheng He (*University of Science and Technology of China, China & University of Pittsburgh, USA*) and Yu-Ru Lin (*University of Pittsburgh, USA*)

Invited talk (13:30--15:15, Short Break from 14:30-14:45)

➤ "Our hearts go out": social support and gratitude after disaster

Kimberly Glasgow, Clay Fink, (*The Johns Hopkins University Applied Physics Laboratory, USA*), and Jessika Vitak and yal Tausczik (*University of Maryland at College Park, USA*)

➤ Data driven approaches to define acute care referral regions and resources

David J. Wallace, MD MPH, (*Critical Care & Emergency Medicine, Clinical Research, Investigation, and Systems Modeling of Acute Illness (CRISMA) Center, University of Pittsburgh School of Medicine, USA*)

➤ Little Data, Big Stories: Taking the Pulse of Large-Scaled Events on Twitter

Patrick M. Dudas, Samantha Weirman, (*Pennsylvania State University, USA*) and Christopher Griffin (*United States Naval Academy*)

Accepted paper presentation (15:15--16:30)

➤ Social Safety Guard based on Internet of Things

Jae-gun Moon, Jinseong Kim, Im Y. Jung, (*Kyungpook National University, Korea*), and Su-an Eom (*Datavision Co., Ltd, Korea*)

➤ Using the Social Network Internet of Things to Mitigate Public Mass Shootings

Irena Gao, (*Illinois Mathematics and Science Academy, USA*)

➤ Crowdsourcing-based Disaster Management using Fog Computing in Internet of Things Paradigm

Ashish Rauniyar, Paal Engelstad, Boning Feng, Do Van Thanh (*Oslo and Akershus University College of Applied Sciences (HiOA) and University of Oslo (UiO), Norway*)

➤ Tracking Public Response and Relief Following the 2015 Nepal Earthquake

Yue Su, Ziyi Lan, Yu-Ru Lin, James Joshi, and Louise K. Comfort (*University of Pittsburgh, USA*)

Panel Discussion (16:30—17:00)

➤ Probing Construct Validity in Data-driven Disaster Analysis

Wen-Ting Chung and Yu-Ru Lin, (*University of Pittsburgh, USA*)

Closing(17:00--17:10)

Yu-Ru Lin & all participants

Workshop PiCSoc Session

Chairs: Elena Ferrari; Barbara Carminati; Amir Masoumzadeh

10:00am-12:00pm

Location: Jimmy Stewart - Session Chair: TBA

10:00 - Opening Remarks

Workshop Co-Chairs (Elena Ferrari, Barbara Carminati, Amir Masoumzadeh)

10:15 - *Privacy by Socio-Technical Design - A Collaborative Approach for Privacy Friendly System Design*

Martin Degeling (*Carnegie Mellon University, USA*), Christopher Lentzsch, Alexander Nolte, Thomas Herrmann, Kai-Uwe Loser (*Ruhr-University, USA*)

10:30 - *Using Transfer Learning to Identify Privacy Leaks in Tweets*

Saul Ricardo Medrano Castillo, Zhiyuan Chen (*University of Maryland at Baltimore County, USA*)

11:00 - *Privacy Settings Recommender for Online Social Network*

Davide Alberto Albertini, Barbara Carminati, Elena Ferrari (*University of Insubria, Italy*)

11:30 - *Towards Measuring Knowledge Exposure in Online Social Networks*

Amirreza Masoumzadeh, Andrew Cortese (*University at Albany-SUNY, USA*)

02:45pm-04:45pm

Location: Jimmy Stewart - Session Chair: TBA

2:45 - *Access Control Models for Cloud-Enabled Internet of Things: A Proposed Framework and Research Agenda*

Asma Alshehri, Ravi Sandhu (*University of Texas at San Antonio, USA*)

3:15 - *If You Can't Measure It, You Can't Manage It: Towards Quantification of Privacy Policies*

Manar Alohalay, Hassan Takabi (*University of North Texas, USA*)

3:45 - *The Listening Patterns to System Events by Benign and Malicious Android Apps*

Fadi Mohsen (*University of Michigan at Flint, USA*) and Mohamed Shehab (*University of North Carolina Charlotte, USA*)

4:15 - *A Dynamic Privacy Aware Access Control Model for Location Based Services*

Leila Karimi, Balaji Palanisamy, James Joshi (*University of Pittsburgh, USA*)

4:30 - Closing Remarks

Workshop Co-Chairs (Elena Ferrari, Barbara Carminati, Amir Masoumzadeh)