IEEE IRI 2012 Detailed Program

August 8, 2012, Wednesday (Day 1)	
8:00 am - 5:00 pm	Conference Registration (Conference Registration Desk at Florentine Foyer)
7:30-8am	Informal Meet & Greet - Breakfast *(Florentine G)*
8-8:10am	Welcome, Conference Opening Remarks *(Florentine E)*
8:10-9:10am	**KEYNOTE 1:** **Professor Lotfi A. Zadeh,** UC Berkeley, CA, USA *Outline of a Restriction-Centered Theory of Reasoning and Computation in an Environment of Uncertainty and Imprecision* (*Florentine E*)
9:10–9:25am	Break *(Florentine Foyer)*
9:25am-11:25am	**Session A1**
	Session A11 (*Florentine E*) **Software Testing I** Chair: Du Zhang California State University, Sacramento, USA
101	A Novel Dataset-Similarity-Aware Approach for Evaluating Stability of Software Metric Selection Techniques [1]Huanjing Wang, [2]Taghi Khoshgoftaar, [2]Randall Wald and [2]Amri Napolitano [1]Western Kentucky University, USA [2]Florida Atlantic University, USA
60	Reusing and Converting Code Clones to Aspects - An Algorithmic Approach [1]Samuel A. Ajila, [1]Angad S. Gakhar, [1]Chung H. Lung and [2]Marzia Zaman [1]Carleton University, Canada [2]Cistel Technology Inc, Canada
62	Generating Test Cases via Model-based Simulation [1]Songqing Liu, [2]Liping Li and [1]Hai-Feng Guo [1]Univ. of Nebraska at Omaha, USA [2]Second Polytechnic Univ. Shanghai, China
56	A Software Product Lines System Test Case Tool and Its Initial Evaluation [1,3]Crescencio Rodrigues Lima Neto, [2,3]Eduardo Santana Almeida and [1,3]Silvio Romero De Lemos Meira

	[1]Federal University of Pernambuco (CIn/UFPE), Brazil [2]Federal University of Bahia (DCC/UFBA), Brazil [3]Reuse in Software Engineering Labs (RiSE)
	Session A12 (*Florentine F*) **Artificial Intelligence and Special Session on Robotics** Chair: Gordon Lee San Diego State University, USA
41	Model-based Diagnosis with Default Information Implemented Through MAX-SAT Technology Dominique D'Almeida and Eric Gregoire Université d'Artois, France
196	A Game Theoretic Approach for Adversarial Pipeline Monitoring using Wireless Sensor Networks Mohammad Saiful Islam, Robert Nix and Murat Kantarcioglu The University of Texas at Dallas, USA
8	A Web-Based User Interface for a Mobile Robotic System Christopher Paolini and Gordon Lee San Diego State University, USA
	Session A13 (*Florentine B*) **Workshop on Empirical Methods for Recognizing Inference in Text I (EM-RITE)** Chair: Min-Yuh Day Tamkang University, Taiwan
306	Evaluating and Enhancing Cross-Domain Rank Predictability of Textual Entailment Datasets [1]Cheng-Wei Lee, [2]Chuan-Jie Lin, [3]Hideki Shima and [1]Wen-Lian Hsu [1]Academia Sinica, Taiwan [2]National Taiwan Ocean University, Taiwan [3]Carnegie Mellon University, USA
303	A Statistical Approach with Syntactic and Semantic Features for Chinese Textual Entailment Chun Tu and Min-Yuh Day Tamkang University, Taiwan
305	Improving Binary-class Chinese Textural Entailment by Monoligual Machine Translation Technology [1]Shan-Shun Yang, [1]Shih-Hung Wu, [2]Liang-Pu Chen, [3]Wen-Tai Hsieh, and [3]Seng-cho

	T. Chou [1]Chaoyang University of Technology, Taiwan [2]Institute for Information Industry, Taiwan [3]National Taiwan University, Taiwan
11:25-12:45pm	Lunch (on your own)
12:45-2:45pm	**Session A2**
	Session A21 (*Florentine E*) **Data Mining and Machine Learning I** Chair: Chengcui Zhang The University of Alabama at Birmingham, USA
133	Integrating Developer-related information across Open Source Repositories Aftab Iqbal and Michael Hausenblas National University of Ireland, Galway, Ireland
138	Rankbox: An Adaptive Ranking System for Mining Complex Semantic Relationships Using User Feedback Na Chen and Viktor Prasanna University of Southern California, USA
51	Dynamic Selection of k Nearest Neighbors in Instance-based Learning Carl Hulett, Andy Hall and Guangzhi Qu Oakland University, USA
97	Finding Story Chains in Newswire Articles Xianshu Zhu and Tim Oates University of Maryland, USA
	Session A22 (*Florentine F*) **Data Mining and Machine Learning II** Chair: Daniel Neagu University of Bradford, UK
109	Exploring An Iterative Feature Selection Technique for Highly Imbalanced Datasets [1]Taghi Khoshgoftaar, [2]Kehan Gao and [1]Amri Napolitano [1]Florida Atlantic University, USA [2]Eastern Connecticut State University, USA
148	Machine Prediction of Personality from Facebook Profiles [1]Randall Wald, [1]Taghi Khoshgoftaar and [2]Chris Sumner

	[1]Florida Atlantic University, USA [2]Online Privacy Foundation, USA
64	Multi-Model Integration for Long-Term Time Series Prediction Zifang Huang, Mei-Ling Shyu and James Tien University of Miami, USA
67	Multi-criteria Collaborative Filtering by Bayesian Model Based User Profiling [1]Pannawit Samatthiyadikul, [2]Atsuhiro Takasu and [1]Saranya Maneeroj [1]Chulalongkorn University, Thailand [2]National Institute of Informatics, Japan
	Session A23 (*Florentine B*) **Workshop on Empirical Methods for Recognizing Inference in Text II (EM-RITE)** Chair: Min-Yuh Day Tamkang University, Taiwan
301	Task-oriented Dependency Parsing Evaluation Methodology Alexander Volokh and Guenter Neumann DFKI, Germany
304	Calculating Emotional Score of Words for User Emotion Detection in Messenger Logs Lun-Wei Ku and Cheng-Wei Sun National Yunlin University of Science and Technology, Taiwan
2:45-3pm	Break (*Florentine Foyer*)
3-5:30pm	**Session A3**
	Session A31 (*Florentine E*) **Multimedia Data Analysis and Information Integration** Chair: Meng Tao University of Miami, USA
70	Model-driven Collaboration and Information Integration for Enhancing Video Semantic Concept Detection Tao Meng and Mei-Ling Shyu University of Miami, USA
71	An Improvement of Color Image Segmentation through Projective Clustering Song Gao, Chengcui Zhang and Wei-Bang Chen The University of Alabama at Birmingham, USA

43	Feature Representation with Directional Ternary Pattern (DTP): Application to Gender Classification Faisal Ahmed and Md. Hasanul KabirFacial Islamic University of Technology, Bangladesh	
22	Intelligent processing and analysis of groups of multispectral images [1]Roumen Kountchev, [2]Stuart Rubin, [3]Mariofanna Milanova and [4]Roumiana Kountcheva [1]Technical University of Sofia, Bulgaria [2]Space and Naval Warfare Systems Center (SSC), USA [3]UALR, USA [4]T&K Engineering, Bulgaria	
162	Perceptual Edges Preservation Conformal to Human Vision Perception Chun-Shun Tseng, Chang-Te Lin, Chiao-Wei Lin and Jung-Hua Wang National Taiwan Ocean University, Taiwan	
	Session A32 (*Florentine F*) **Agent-based Systems** Chair: Du Zhang California State University, Sacramento, USA	
20	Simulated Protozoa Optimization James McCaffrey Microsoft, USA	
58	A Method for Detecting Agents that Will Not Cause Emergent Behavior in Agent Based Systems - A Case Study in Agent Based Auction Systems Fatemeh Hendijani Fard and Behrouz Far University of Calgary, Canada	
144	Human-centered Multi-target Tracking: A Random Set Theoretic Approach Bahador Khaleghi and Fakhreddine Karray University of Waterloo, Canada	
123	Learning through Overcoming Inheritance Inconsistencies Du Zhang California State University Sacramento, USA	
	Session A33 (*Florentine B*) **Workshop on Data Integration and Mining (DIM)** Chair: Mei-Ling Shyu	

	University of Miami, USA	
164	A Comparison of Anonymization Protection Principles Alexandre M. Pinto HASLab - INESC TEC and Instituto Superior da Maia, Portugal	
165	Preserving Privacy of Outsourced Data: A Cluster-Based Approach [1]Tummalapalli Sayi, [1]Sai Krishna, [2]Ravi Mukkamala and [1]Pallav Kumar Baruah [1]Sri Sathya Sai Institute of Higher Learning, India [2]Old Dominion University, USA	
141	Discovery and Cataloging of Deep Web Sources [1]Chelsea Hicks, [1]Matthew Scheffer, [1]Anne H.H. Ngu, and [2]Quan Z. Sheng [1]Texas State University, San Marcos, USA [2]The University of Adelaide, Australia	
179	Recognition of Fuzzy Contexts from Temporal Data under Uncertainty Case Study: Activity Recognition in Smart Homes Farzad Amirjavid, Abdenour Bouzouane, Bruno Bouchard and Kevin Bouchard UQAC, Canada	
163	A Complete RM-ODP Case-study To Integrate Geospatial Services and Ecological Niche Modelling Systems [1]Fabiana S. Santana, [2]Renata L. Stange, [2]Antonio M. Saraiva, [2]Jorge L. D. Pinaya and [2]Jorge L. R. Becerra [1]Universidade Federal do ABC, Brazil [2]Universidade de São Paulo, Brazil	
6- 8pm	**Poster Exhibition (Start time: 6:15PM)** **Reception (Start time: 7PM)** (*Tuscany*) **Chairs:** James Joshi University of Pittsburgh, USA Chengcui Zhang The University of Alabama at Birmingham, USA	
27	One Way to cluster Documents by Meaning using Semantic-ball Chang-Yeol Seo Korea	
186	A Framework for Vehicular Accident Management using Wireless Networks Fekri Abduljalil Sana'a University, Yemen	

187	A Hybrid Reasoning System for Care Planning in End-of-Life Cancer Care Krista Elvidge Dalhousie University, Canada
188	Intelligent Health Information System to Empower Patients with Chronic Diseases [1]Sifat Islam, [2]Glenn Freytag and [1]Ravi Shankar [1]Florida Atlantic University, USA [2]Shilpico, Inc., USA
69	Dependency of Critical Dimension on Learning Machines and Ranking Methods [1]Divya Suryakumar, [2]Qingzhong Liu and [1]Andrew Sung [1]New Mexico Institute of Mining and Technology, USA [2]Sam Houston State University, USA
25	OOFM - A Feature Modeling Approach to Implement MPLs and DSPLs [1]Victor Sarinho, [2]Antônio Apolinário and [3]Eduardo Almeida [1]UEFS – DEXA, Brazil [2]UFBA – IM, Brazil [3]UFBA – RiSE, Brazil

August 9, 2012, Thursday (Day 2)	
8:00 am - 5:00 pm	Conference Registration (Conference Registration Desk at Florentine Foyer)
7:30-8:10am	Informal Meet & Greet - Breakfast *(Florentine G)*
8:10-9:10am	**KEYNOTE 2:** **Professor Christopher Terence John Dodson,** University of Manchester, UK *Information neighborhoods for visualization and monitoring strategies of real stochastic behavior trajectories: computational aspects* *(Florentine E)*
9:10–9:25am	Break *(Florentine Foyer)*
9:25-11:25am	**Session B1**
	Session B11 *(Florentine E)* **Information Visualization** Chair: Mei-Ling Shyu University of Miami, USA
47	Interactive Visualization of the Social Network of Research Collaborations Mohammad Alsukhni and Ying Zhu University of Ontario Institute of Technology, Canada
198	Integrated Provenance Data for Access Control in Group-Centric Collaboration Dang Nguyen, Jaehong Park and Ravi Sandhu University of Texas at San Antonio, USA
68	Developing an Open Source, Reusable Platform for Distributed Collaborative Information Management in the Early Detection Research Network [1]Andrew F. Hart, [1]Rishi Verma, [1]Chris A. Mattmann, [1]Daniel Crichton, [1]Sean Kelly, [1]Heather Kincaid, [1]J. Steven Hughes, [1]Paul Ramirez, [1]Cameron Goodale, [2]Kristen Anton, [2]Maureen Colbert, [3]Robert R. Downs, [4]Christos Patriotis and Sudhir Srivastava [1]California Institute of Technology, USA [2]Dartmouth Medical School, USA [3]Columbia University, USA [4]National Institutes of Health, USA
72	An Extensible and Integrated Software Architecture for Data Analysis and Visualization in Precision Agriculture Li Tan, Ronald Haley, Riley Wortman and Qin Zhang Washington State University, USA

92	Automatic Labeling by means of Semi-Supervised Fuzzy Clustering as a Boosting Mechanism in the Generation of Fuzzy Rules Priscilla A. Lopes and Heloisa A. Camargo Federal University of São Carlos (UFSCar), Brazil
18	Ensemble Prediction of Monthly Mean Rainfall with a Particle Swarm Optimization-Neural Network Model Long Jin, Ying Huang and Hua-Sheng Zhao Guangxi Climate Center, China
38	Towards the Integration of Heterogeneous Uncertain Data Longzhi Yang and Daniel Neagu University of Bradford, UK
161	Designing a Computer-Aided Rule-Based Hourly Rainfall Prediction [1]Soo-Yeon Ji, [1]Sharad Sharma, [2]Byunggu Yu and [2]Dong Hyun Jeong [1]Bowie State University, USA [2]University of the District of Columbia, USA
	Session B13 (*Florentine B*) **Optimization and Search** Chair: Eric Gregoire University d'Artois, France
192	Constraint Driven Model Using Correlation and Collaborative Filtering for Sustainable Building Hsin-Yu Ha, Shu-Ching Chen, Yimin Zhu, Steven Luis, Scott Graham and Shahin Vassigh Florida International University, USA
193	Multi-Criteria Decision Making with Skyline Computation [1]Wonik Choi, [2]Ling Liu and [1]Boseon Yu [1]Inha University, Korea [2]Georgia Institute of Technology, USA
10	Cost Excessive Paths in Cloud Based Services

	Kevin Buell and James Collofello Arizona State University, USA
11:25-12:45pm	Lunch (on your own)
12:45-2:15pm	Session B2
	Session B21 (*Florentine E*) **Semantic Data Modeling** Chair: Wonik Choi INHA University, Korea
33	CMAP: Tracking Equivalences from XML Documents to Relational Schemas Douglas Negrini, Deise Saccol, Francisco Avelar and Eduardo Piveta Universidade Federal de Santa Maria, Brazil
37	Formal modeling with SysML [1]Thouraya Bouabana-Tebibel, [2]Stuart Rubin and [1]Miloud Bennama [1]National School of Computer Science – Algiers, ALGERIA [2]SPAWAR Systems Center Pacific – San Diego, USA
39	Efficient Query Processing in the Semantic Model Approach to Information Integration Tejaswi Chennubhotla and Fereidoon Sadri University of North Carolina at Greensboro, USA
	Session B22 (*Florentine F*) **Workshop on Information Reuse and Integration in Health Informatics I (IRI-HI)** Chair: Taghi Khoshgoftaar Florida Atlantic University, USA
183	A Review of the Stability of Feature Selection Techniques for Bioinformatics Data Wael Awada, Taghi Khoshgoftaar, David Dittman, Randall Wald and Amri Napolitano Florida Atlantic University, USA
180	A Decision Support System for Hospital Emergency Departments designed using Agent-Based Modeling and Simulation [1]Manel Taboada, [1]Eduardo Cabrera, [1]Emilio Luque, [2]Francisco Epelde and [2]Ma Luisa Iglesias [1]University Autonoma of Barcelona (UAB), Spain [2]Hospital of Sabadell, Corporació Sanitaria Parc, Spain
160	MedReadFast: A Structural Information Retrieval Engine for Big Clinical Text [1]Michael Gubanov and [2]Anna Pyayt

	[1]University of Washington, USA [2]Stanford University, USA
184	An Extensive Comparison of Feature Ranking Aggregation Techniques in Bioinformatics Randall Wald, Taghi Khoshgoftaar, David Dittman, Wael Awada and Amri Napolitano Florida Atlantic University, USA
	Session B23 (*Florentine B*) **Data Mining and Machine Learning III** Chair: Guangzhi Qu Oakland University, USA
150	Simultaneous Pattern and Data Hiding in Supervised Learning [1]Pengpeng Lin, [1]Jun Zhang, [1]Xiwei Wang and [2]Art Shindhelm [1]University of Kentucky, USA [2]Western Kentucky University, USA
202	Health-Connect: An Ontology-Based Model-Driven Information Integration Framework and Its Application to Integrating Clinical Databases Junhee Park, Eva K. Lee, Qingyang Wang, Jack Li, Qifeng Lin and Calton Pu Georgia Institute of Technology, USA
139	A Novel Hybrid Genetic Algorithm and Simulated Annealing for Feature Selection and Kernel Optimization in Support Vector Regression [1]Jiansheng Wu, [2]Zusong Lu and [3]Long Jin [1]Wuhan University of Technology, China [2]Liuzhou Teachers College, China [3]Guangxi Meteorological Bureau, China
2:15–2:30pm	Break (*Florentine Foyer*)
2:30-3:30pm	**Session B3**
	Session B31 (*Florentine F*) **Workshop on Information Reuse and Integration in Health Informatics II (IRI-HI)** Chair: David Dittman Florida Atlantic University, USA
158	Integration, Reuse and Sharing of Data on Voice Disorders Anatoly Goldstein and Robert Hillman Massachusetts General Hospital Center for Laryngeal Surgery and Voice Rehabilitation, USA
182	Impact of Noise and Data Sampling on Stability of Feature Ranking Techniques

	for Biological Datasets Ahmad Abu Shanab, Taghi Khoshgoftaar, Randall Wald and Amri Napolitano Florida Atlantic University, USA
185	Optimization of Emergency Departments by Agent-Based Modeling and Simulation [1]Eduardo Cabrera, [1]Manel Taboada, [2]Francisco Epelde, [2]M. Luisa Iglesias and [1]Emilio Luque [1]University Autonoma of Barcelona (UAB), Spain [2]Hospital of Sabadell, Spain
3:30–3:45pm	Break *(Florentine Foyer)*
3:45–5:30pm	**Panel Discussion (***Florentine E***)** *Panel Title: Using Information Re-Use and Integration Principles in Big Data* **Panel Moderator: Gordon Lee** Gordon Lee, San Diego State University (moderator) **Panelists:** Elisa Bertino, Purdue University Stuart Rubin, SSC PAC, Navy Taghi M. Khoshgoftaar, Florida Atlantic University Bhavani Thuraisingham, University of Texas at Dallas James McCaffrey, Microsoft
6-9pm	Banquet/Dinner (*Florentine A*)

	August 10, 2012, Friday (Day 3)
8:00 am - 5:00 pm	Conference Registration (Conference Registration Desk at Florentine Foyer)
7:30-8:10am	Informal Meet & Greet - Breakfast *(Florentine G)*
8:10-9:10am	**KEYNOTE 3:** **Guy Paillet,** CogniMem Technologies Inc., CA, USA ***Knowledge synthesizing and reusing by cognitive computing Moving beyond "prescriptive programming" and Von Neumann*** (*Florentine E*)
9:10–9:25am	Break *(Florentine Foyer)*
9:25-11:25am	**Session C1**
	Session C11 (*Florentine E*) **Database Modeling and Integration** Chair: Liangcai Shu State University of New York at Binghamton, USA
83	A Framework for Entity Resolution with Efficient Blocking [1]Liangcai Shu, [1]Can Lin, [1]Weiyi Meng, [1]Yue Han, [2]Clement T. Yu and [2]Neil R. Smalheiser [1]State University of New York at Binghamton, USA [2]University of Illinois at Chicago, USA
81	The Cost of Increased Transactional Correctness and Durability in Distributed Databases Aspen Olmsted and Csilla Farkas University of South Carolina, USA
194	Performance analysis of Relationship-based access control in OSNs Barbara Carminati, Elena Ferrari, and Jacopo Girardi University of Insubria, Italy
197	Disaster SitRep - A Vertical Search Engine and Information Analysis Tool in Disaster Management Domain Li Zheng, Chao Shen, Liang Tang, Chunqiu Zeng, Tao Li, Steve Luis, Shu-Ching Chen and Jainendra K. Navlakha Florida International University, USA
	Session C12 (*Florentine F*) **Natural Language Understanding and Information Retrieval**

13	TASC - Crime Report Visualization for Investigative Analysis: A Case Study Chih-Hao Ku, James H. Nguyen and Gondy Leroy Claremont Graduate University, USA
105	Evaluating co-occurrence order for automatic thesaurus construction Roger Leitzke Granada, Renata Vieira and Vera Lucia Strube de Lima Pontifical Catholic University of Rio Grande do Sul (PUCRS), Brazil
32	Extracting Multi-document Summaries with a Double Clustering Approach Sara Botelho Silveira and António Branco University of Lisbon, Portugal
36	A 3-Tuple Information Retrieval Query Interface with Ontology Based Ranking Jinwoo Kim and Dennis McLeod University of Southern California, USA
	Session C13 (*Pizza*) **Special Session on Power and Energy** Chair: Suresh Vadhva California State University Sacramento, USA
79	Fuzzy Type-2 Electrode Position Controls for an Electric Arc Furnace [1]Mohammad Taslimian, [1]Faridoon Shabaninia, [2]Mohanmad Vaziri and [2]Suresh Vadhva [1]Shiraz University, Iran [2]California State University Sacramento, USA
80	Understanding Slow Voltage Instability Matthew Johnson, Mohanmad Vaziri and Suresh Vadhva California State University Sacramento, USA
108	Type-2 Fuzzy Multiagent Traffic Signal Control [1]Bahare Sabetghadam, [1]Faridoon Shabani, [2]Mohanmad Vaziri and [2]Suresh Vadhva [1]Shiraz University, Iran [2]California State University Sacramento, USA
157	Plug–In & Hybrid Electric Vehicle Charging Impacts: A survey of California's Utility Companies

	Cody Tudor, Eric Sprung, Linh Nguyen, and Russ Tatro California Smart Grid Center, USA
107	Volt/VAr Regulation and Issues with High Penetration of Renewables on Distribution Systems [1]Mohanmad Vaziri, [1]Suresh Vadhva, [1]Farshad Tavatli and [2]Sana Vaziri [1]California State University Sacramento, USA [2]University of California, Berkeley, USA
11:25am–12:45pm	**Lunch (on your own)**
12:45-3:15pm	**Session C2**
	Session C21 (*Florentine E*) **Knowledge Extraction, Representation, and Information Sharing** Chair: Daniel Neagu University of Bradford, UK
57	Macro and Micro Pressures in Data Sharing Karina Kervin, Thomas Finholt and Margaret Hedstrom University of Michigan, USA
9	Meta-rule Enhanced Interoperation of Operations, Rules and Processes for Achieving Dynamic Inter-organizational Collaboration Xuelian Xiao and Stanley Su University of Florida, USA
63	Automated Ontology Construction based on Software Requirements Mohammad Moshirpour, Seyedehmehrnaz Mireslami, Reda Alhajj and Behrouz Far University of Calgary, Canada
98	Integration of Product Models by Ontology Development Samer Abdul-Ghafour, Parisa Ghodous and Behzad Shariat University of Claude Bernard Lyon1, France
16	Service-Oriented Knowledge Management [1]Wei Dai and [2]Stuart Rubin [1]Victoria University, Australia [2]Space and Naval Warfare Systems Center (SSC), USA
	Session C22 (*Florentine F*) **Biomedical Information Assurance** Chair: Deborah Stacey

	University of Guelph, Canada
50	RxSem: A Rule Based Semantic Integration Method for Medical Informatics [1]Ali Ardestani, [2]Omprakash Eleti, [2]Hamid Nemati and [2]Fereidoon Sadri [1]Harvard Medical School, USA [2]The University of North Carolina – Greensboro, USA
155	Electronic Medical Referral System: Decision Support and Recommendation Approach Wadhah Almansoori, Ayman Murshid, Konstantinos Xylogiannopoulos, Reda Alhajj and Jon Rokne University of Calgary, Canada
54	An Ontology-driven Approach to Mobile Data Collection Applications for the Health-Care Industry [1]Gabriela Henriques, [1]Laura Lamanna, [1]Daniel Kotowski, [1]Hlomani Hlomani, [1]Deborah Stacey and [2]Philip Baker [1]University of Guelph, Canada [2]Public Health of Canada, Canada
111	Evaluating Feature Selection Methods for Stress Detection [1]Yong Deng, [1]Zhonghai Wu, [2]Chao-Hsien Chu and [1]Tao Yang [1]Peking University, China [2]The Pennsylvania State University, USA
159	CompoPHC: AN ONTOLOGY-BASED COMPONENT FOR PRIMARY HEALTH CARE Eduardo Moraes, Kellyton Brito and Silvio Meira Federal University of Pernambuco, Brazil
	Session C23 (*Pizza*) **Software Testing II and Information Integration in SE** Chair: Li Tan
29	Test Criteria for Model-Checking-Assisted Test Vector Generation: A Computational Study Bolong Zeng and Li Tan Washington State University, USA
113	An Experimental Study to Evaluate a SPL Architecture Regression Testing Approach [1,3]Paulo Anselmo Da Mota Silveira Neto, [2,3]Ivan Do Carmo Machado, [1,3]Yguarata Cerqueira Cavalcanti, [2,3]Eduardo Almeida, [1,3]Vinicius Cardoso Garcia and [1,3]Silvio Romero de Lemos Meira [1]Federal University of Pernambuco (UFPE), Brazil

	[2]Federal University of Bahia (UFBA), Brazil [3]Reuse in Software Engineering (RiSE), Brazil
114	Towards an Integration Testing Approach for Software Product Lines [1,3]Ivan Machado, [2,3]Paulo Silveira Neto and [1,3]Eduardo Almeida [1]Federal University of Bahia (UFBA), Brazil [2]Federal University of Pernambuco (UFPE), Brazil [3]Reuse in Software Engineering (RiSE), Brazil
102	Reengineering Legacy Systems towards System of Systems Development [1]Marcelo Ramos, [1]Paulo Masiero, [1]Rosana Braga and [2]Rosângela Penteado [1]ICMC-University of Sao Paulo, Brazil [2]DC-Federal University of Sao Carlos
120	Managing Reusable Learning Objects and Experience Reports in EduSE Portal [1]Rodrigo Santos, [1]Cláudia Werner, [2]Heitor Costa, [2]Ramon Abílio and [3]Hudson Silva [1]Federal University of Rio de Janeiro, Brazil [2]Federal University of Lavras, Brazil [3]Federal University of Minas Gerais, Brazil
3:15–3:30pm	Break *(Florentine Foyer)*
3:30-5:30pm	**Session C3**
Closing remarks at the end	**Session C31** (*Florentine E*) **Privacy and Information Security and Special Session on Education** Chair: Csilla Farkas
19	Multiplexing Aware Arbiter Physical Unclonable Function Masaya Yoshikawa Meijo University, Japan
195	Privacy Preserving Delegated Access Control in the Storage as a Service Model Mohamed Nabeel and Elisa Bertino Purdue University, USA
103	First Use: Introducing Information Security in High School Oracle Academy Courses [1]Roxann Stalvey, [2]Csilla Farkas and [2]Caroline Eastman [1]College of Charleston, USA [2]University of South Carolina, USA
203	Secure Information Integration with a Semantic Web-Based Framework Parikh, Murat Kantarcioglu, Vaibhav Khadilkar, Bhavani Thuraisingham, and Latifur Khan

	The University of Texas at Dallas, USA
	Session C32 (*Florentine F*) **Industrial/Application/Gov Track** Chair: Chris Mattmann
171	Examining Social Networks between Educational Institutions, Industrial Partners, and the Canadian Government Reda Alhajj, Connie Yau, Mark Straight, Rahul Bir, Omar Addam and Omair Shafiq University of Calgary, Canada
172	Full and Partial Data Cube Computation and Representation over Commodity PCs Angelica Moreira and Joubert Lima Federal University of Ouro Preto (UFOP), Brazil
173	A Novel Numerical Integrator for Structural Control and Monitoring Suresh Thenozhi and Wen Yu CINVESTAV-IPN, Mexico
76	Developing an Open Source Strategy for NASA Earth Science Data Systems [1,3]Chris Mattmann, [2]Robert Downs, [1]Paul Ramirez, [1]Cameron Goodale and [1]Andrew Hart [1]California Institute of Technology, USA [2]Columbia University, USA [3]University of Southern California, USA
	Session C33 (*Pizza*) **Workshop on Issues and Challenges in Social Computing (WICSOC)** Chair: Mohd Anwar University of Pittsburg, USA
401	In Search of User Privacy Protection in Ubiquitous Computing Simon Cleveland Nova Southeastern University, USA
402	Understanding asynchronous design work - segmentation of digital whiteboard sessions Lutz Gericke and Christoph Meinel University of Postdam, Germany

403	The "Wisdom of the Crowd Pattern": A Person-centric data aggregation approach for Social Software Peter Lachenmaier and Florian Ott Bundeswehr University Munich, Germany
404	Analysis of Access Control Mechanisms for Users' Check-ins in Location-based Social Network Systems Lei Jin, Xuelian Long, James Joshi and Mohd Anwar University of Pittsburgh, USA
405	Visualizing Reciprocity to Motivate Participation in an Online Community Julita Vassileva University of Saskatchewan, Canada