ER Session 1  
Data on the Web  
27-Oct  
9:45-11:15  
- Kostas Stefanidis, Ioannis Chryssakis and Giorgios Flouris. On Designing Archiving Policies for Evolving RDF Datasets on the Web  
- Sheng Li, Junhu Wang and Xin Wang. Ontology-Based Spelling Suggestion for RDF Keyword Search  

ER Session 2  
Unstructured Data  
27-Oct  
9:45-11:15  
- Thuy Ngoc Le, Zhifeng Bao and Tok Wang Ling. Schema-independence in XML Keyword Search  
- Prudhvi Janga and Karen Davis. Mapping Heterogeneous XML Document Collections to Relational Databases  
- Esandino G. Barros, Alberto Laender, Mirella M. Moro and Albign S. Da Silva. MKStream: An Efficient Algorithm for Processing Multiple Keyword Queries over XML Streams  

ER Session 3  
City and Urban Informatics  
27-Oct  
9:45-11:15  
- Kala Fleming and Kommissar Wolewemariam. From Needs to Services: Delivering Personalized Water Assurance Services in Urban Africa  
- Ye Tian and Guoray Cai. Modeling Claim-making Process in Democratic Deliberation  
- Oluhaide Alhigbe, Mohammad Alhaj, Daniel Amyot, Omar Badreddin, Edna Braun, Nick Cartwright, Gregory Richards and Gunter Müssbacher. Creating Quantitative Goal Models: Governmental Experience  

ER Session 4  
Database Design  
28-Oct  
3:45-5:15  
- Jie Hu and Mengchi Liu. A New Approach for N-ary Relationships in Object Databases  
- Francesca Bugiotti, Luca Cabbibo, Paolo Atzeni and Riccardo Torlone. Database Design for NoSQL Systems  
- Xavier Oriol, Ernest Teniente and Albert Tort. Fixing up Non-executable Operations in UML/OCL Conceptual Schemas  

ER Session 5  
Graphs and Networks  
28-Oct  
9:45-11:15  
- Qing Wang. Analytical ER Model Towards a Conceptual View of Network Analysis  
- Roberto De Virgilio, Antonia Macciocci and Riccardo Torlone. Model-driven design of graph databases  
- Scott Britell, Lois Delcambre and Paolo Atzeni. Generic Data Manipulation in a Mixed Global/Local Conceptual Model  

ER Session 6  
Data Management for Enterprise Architecture  
28-Oct  
9:45-11:15  
- Oluhaide Alhigbe, Daniel Amyot and Gregory Richards. A Framework for a Business Intelligence-Enabled Adaptive Enterprise Architecture  
- Henrique Prado Sousa and Julio César Sampaio Do Prado Leite. Modeling Organizational Alignment  
- Sepideh Ghavami, Lito Humphreys, Guido Boella, Luigi Di Caro and Livio Robaldo. Business Process Compliance with Multiple Regulations  
- Miguel A. Teruel, Roberto Tardós, Elena Navarro, Alejandro Mata, Pascual González, Juan Trujillo and Rafael Muñoz Terol. CSRML4B: A Goal-Oriented Requirements Approach for Collaborative Business Intelligence  

ER Session 7  
New Modeling Languages - I  
28-Oct  
1:45-3:15  
- Jennifer Horkoff, Fatma Ba, Ak Aydemir, Feng-Lin Li, Tong Li and John Mylopoulos. Evaluating Modeling Languages: An Example from the Requirements Domain  
- Silvia Ingolfo, Ivan Jureta, Alberto Siena, Anna Perini and Angelo Susi. Nomos 3: A Language for Legal Compliance of Roles and Requirements  
- Barbara Livieri, Mario Bochicchio and Marco Zappatore. Towards an “XBRL Ontology” Extension for Management Accounting  

ER Session 8  
New Modeling Languages - II  
28-Oct  
3:45-5:15  
- Mengchi Liu, Jie Hu and Liu Chen. A Conceptual Modeling Language for Complex Database Applications  

ER Session 9  
Uncertain and Incomplete Data  
29-Oct  
9:45-11:15  
- Henning Koehler and Sebastian Link. Cardinality Constraints for Uncertain Data  
- Christian Nieke, Ulrich Guntzer and Wolf-Tilo Balke. TopCrowd - Efficient Crowd-enabled Top-k Retrieval on Incomplete Data  
- Soumya Amdouni, Mahmoud Barhamgi, Djamel Benslimane, Rim Faiz and Kokou Ytongnon. Web Services Composition in the Presence of Uncertainty  

ER Session 10  
New Modeling Languages - III  
29-Oct  
9:45-11:15  
Catherine Jayapandian, Chien-Hung Chen, Aman Dabir, Guo-Qiang Zhang, Samden Lhato and Satya Sahoo. Domain Ontology As Conceptual Model for Big Data  
- Management: Application in Biomedical informatics  
- Mirko Morandini, Alberto Siena and Angelo Susi. Modelling Risk Exposure in OSS Adoption  

ER Session 11  
Patterns and Narratives  
29-Oct  
1:45-3:15  
- Giancarlo Guizzardi and Tiago Prince Salles. Detection, Simulation and Elimination of Semantic Anti-patterns in Ontology-Driven Conceptual Models  
- Efthymina Kontogiannopoulou, Petros Manousis and Panos Vassiliadis. Visual Maps for Data-Intensive Ecosystems  

ER Session 12  
Applying Conceptual Models  
29-Oct  
3:45-5:15  
- Xiaowei Wang, Nicola Guarino, Giancarlo Guizzardi and John Mylopoulos. Software as a Social Artifact: a Management and Evolution Perspective  
- Marja Bjorko, Hendrik Proper and Jean-Sbastien Soret. Embracing Pragmatics  
- Xianmang He. Utility-Friendly Heterogeneous Generalization in Privacy Preserving Data Publishing  
- Yaping Luo, Mark Van Den Brand, Luc Engelen and Martijn Klabbers. From Conceptual Models to Safety Assurance