W13 : Ontologies and Logic Programming for Query Answering

New building of the Facultad de Ciencas Econòmicas. University of Buenos Aires

July 25th 2015

Program

8 :30 Welcome

8 :45-9 :40 **Invited talk :** Steven Schockaert
Extending Answer Set Programming using Generalized Possibilistic Logic

9 :40-10 :30 Logic Programming 1

9 :40-10 :05 Riccardo Zese, Elena Bellodi, Evelina Lamma, Fabrizio Riguzzi.
Logic Programming Techniques for Reasoning with Probabilistic Ontologies.

10 :05-10 :30 Fabien Garreau, Laurent Garcia, Claire Lefèvre, Igor Stéphan.
$\exists$-ASP

10 :30-11 :00 Coffee break

11 :00-12 :15 Description Logic

11 :00-11 :25 Veronica Dahl, Sergio Tessaris, Thom Fruehwirth.
Imperfect Querying through Womb Grammars plus Ontologies.

11 :25-11 :50 Roberto Confalonieri, Manfred Eppe, Marco Schorlemmer, Oliver Kutz, Rafael Peñaloza, Enric Plaza.
Upward Refinement for Conceptual Blending in Description Logic : An ASP-based Approach and Case Study in EL++.

11 :50-12 :15 Nuno Costa, Matthias Knorr, Joao Leite.
Extending NoHR for OWL 2 QL.

12 :45-13 :45 Lunch break

13 :45 -14 :40 **Invited talk :** Andreas Pieris.
From Classical to Consistent Query Answering under Existential Rules.

14 :40-15 :30 Logic Programming 2

14 :40-15 :05 Cristina Feier, Thomas Eiter. Reasoning with Forest Logic Programs Using Fully Enriched Automata.

15 :05-15 :30 Ricardo Gonçalves. Combining rules and ontologies via parametrized logic programming.

15 :30-16 :00 Coffee break

16 :00-17 :30 Inconsistency Handling

16 :00-16 :25 Cristhian Ariel David Deagustini, Maria Vanina Martinez, Marcelo A. Falappa, Guillermo Simari. On the Influence of Incoherence in Inconsistency-tolerant Semantics for Datalog$^{+}_{-}$.

16 :25-16 :50 Badrinath Jayakumar, Rajshekhar Sunderraman. Paraconsistent Relational Model : A Quasi-Classic Logic Approach.

16 :50-17 :15 Zied Bouraoui, Salem Benferhat, Sylvain Lagrue, Julien Rossit.
Merging Incommensurable Possibilistic DL-Lite Assertional Bases

17 :15-17 :45 Concluding discussion