

# TARSKI workshop

March 11-12, 2004

Institut de recherche en informatique de Toulouse (IRIT)

## Thursday, march 11, morning (WA2 and WA3)

- 09.00 - 09.30 Registration
- 09.30 - 11.00 Invited lecture: Rudolf Berghammer  
*A Relational Approach to Boolean Logic Problems*
- 11.00 - 11.30 Coffee Break
- 11.30 - 12.00 Agnieszka Rusinowska  
*Bargaining problems with non-stationary preferences of the players*
- 12.00 - 12.30 Agnieszka Rusinowska and Harrie de Swart  
*A Government reached by negotiations*
- 12.30 - 14.30 Lunch

## Thursday, march 11, afternoon (WA1)

- 14.30 - 15.00 Philippe Balbiani and Tinko Tinchev  
*Some theories for the lines in the plane*
- 15.00 - 15.30 Andrea Formissano, Eugenio G. Omodeo, Ewa Orłowska, and Alberto Policriti  
*Uniform relational frameworks for non-classical inferences*
- 15.30 - 16.00 Coffee Break
- 16.00 - 16.30 P. Vojtas  
*Galois connections for relational deductive and inductive systems with similarity*

### Friday, march 12, morning (WA1)

- 09.00 - 10.00 Invited lecture: Andrzej Szalas  
*Approximate relations at work*
- 10.00 - 10.30 Coffee Break
- 10.30 - 11.00 Martin Holena  
*A relational framework for knowledge extraction: application to GUHA and neural networks*
- 11.00 - 11.30 Dimiter Vakarelov  
*On a generalization of the Ackermann Lemma for computing first-order equivalents of modal formulas*
- 11.30 - 12.30 Invited lecture: Didier Dubois  
*Qualitative Decision Rules Under Uncertainty : from Savage to Savage*
- 12.30 - 15.00 Lunch

### Friday, march 12, afternoon (WA4)

- 15.00 - 15.30 Georgi Dimov and Dimiter Vakarelov  
*Contact algebras and region-based theory of space. A proximity approach*
- 16.30 - 16.00 Philippe Balbiani, Tinko Tinchev, and Dimiter Vakarelov  
*A modal logic for proximity structures*
- 16.00 - 16.30 Coffee Break
- 16.30 - 17.00 Hui Wang  
*A spatial reasoning approach to classification based on contextual probability*
- 17.00 - 17.30 Nico Van de Weghe, Anthony G. Cohn, and Philippe De Maeyer  
*A Qualitative Representation of Trajectory Pairs*
- 17.30 - 18.00 Domenico Cantone, Andrea Formissano, Eugenio G. Omodeo, and Pietro Ursino  
*How to enhance multi-level syllogistic with binary relations (WA1)*
- 18.00 - 20.00 Management meeting