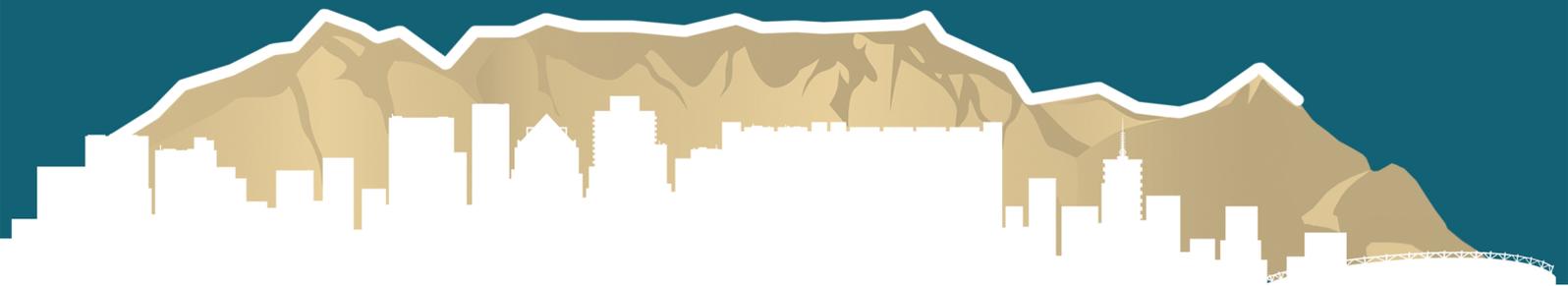# 16th International Workshop on Non-Monotonic Reasoning

# NMR 2016
April 22-24 2016, Cape Town

room: MR 2.60

## Friday, 22nd

**08:00 - 09:00** *Coffee*

**09:00 - 09:30** Opening

**09:30 - 10:30** Invited talk:
Leon van der Torre. Arguing about obligations and permissions

*Coffee break*

**11:00 - 12:00** Adrian Paschke and Tara Athan.
Law Test Suites for Semantically-Safe Rule Interchange

Zoltan Esik.
Equational properties of stratified least fixed points.

*Lunch*

**14:00 - 15:30** Jean-Guy Mailly.
Using Enthymemes to Fill the Gap between Logical Argumentation and Revision of Abstract Argumentation Frameworks

Thomas Linsbichler, Jörg Pührer and Hannes Strass.
Characterizing Realizability in Abstract Argumentation

Ringo Baumann, Thomas Linsbichler and Stefan Woltran.
Verifiability of Argumentation Semantics

*Coffee break*

**16:00 - 17:00** Kristijonas Cyras and Francesca Toni.
Properties of ABA+ for Non-Monotonic Reasoning

Jesse Heyninck and Christian Strasser.
Relations between assumption-based approaches in nonmonotonic logic and formal argumentation

## Saturday, 23rd

**08:15 - 08:45** Coffee

**09:30 - 10:30** Gavin Rens.
On Stochastic Belief Revision and Update and their Combination

Gavin Rens, Thomas Meyer and Giovanni Casini.
Revising Incompletely Specified Convex Probabilistic Belief Bases

*Coffee break*

**11:00 - 12:00** Marc van Zee and Dragan Doder.
AGM-Style Revision of Beliefs and Intentions from a Database Perspective

Marco Garapa, Eduardo Fermé and Maurício Reis.
Studies on Brutal Contraction and Severe Withdrawal

*Lunch*

**14:00 - 15:30** Adrian Haret, Jean-Guy Mailly and Stefan Woltran.
Distributing Knowledge into Simple Bases

Aaron Hunter.
Ordinal Conditional Functions for Nearly Counterfactual Revision

Zhiqiang Zhuang, James Delgrande, Abhaya Nayak and Abdul Sattar.
A New Approach for Revising Extended Logic Programs

*Coffee break*

**16:00 - 17:30** Panel discussion - Future of NMR?

**19:00** Dinner at Beluga
(The Foundry, Prestwich Street, Green Point, Cape Town)

## Sunday, 24th

**08:30 - 09:00** *Coffee*

**09:00 - 10:00** Invited Talk - *roof terrace*
Laura Giordano.
Reasoning about typicality in preferential description logics

**10:00 - 10:30** *(joint session with DL - roof terrace)*

Meghyn Bienvenu, Camille Bourgaux and François Goasdoué.
Query-driven Repairing of Inconsistent DL-Lite Knowledge Bases (DL paper)

*Coffee break*

**11:00 - 12:30** *(joint session with DL - roof terrace)*

Özgür Lütfü Özcep.
Iterated Ontology Revision by Reinterpretation

Laura Giordano and Daniele Theseider Dupre'.
Reasoning in a Rational Extension of SROEL (DL paper)

Valentina Gliozzi.
A strengthening of rational closure in DLs: reasoning about multiple aspects

*Lunch*

**14:00 - 15:30** Arina Britz and Ivan Varzinczak.
Preferential Modalities Revisited

Zeynep Gozen Saribatur and Thomas Eiter.
Reactive Policies with Planning for Action Languages

Eugenia Ternovska.
Static and Dynamic Views on the Algebra of Modular Systems

**15:30** Closing