

FIRST CALL FOR PAPERS

# AiML-2006

**Advances in Modal Logic**

**25-28 September 2006**

**Noosa (Queensland, Australia)**

**DEADLINE: 27 March 2006**

Advances in Modal Logic is an initiative aimed at presenting an up-to-date picture of the state of the art in modal logic and its many applications. The initiative consists of a conference series together with volumes based on the conferences.

AiML-2006 is the sixth conference in the series.

## TOPICS

We invite submission on all aspects of modal logics, including:

### applications of modal logic

computational aspects of modal logics

complexity and decidability of modal and temporal logics

modal and temporal logic programming

model checking

theorem proving for modal logics

### history of modal logic

### philosophy of modal logic

### specific instances of modal logic

description logics

dynamic logics and other process logics

epistemic and deontic logics

modal logics for agent-based systems

modal logic and game theory

modal logic and grammar formalisms

provability and interpretability logics

spatial and temporal logics

### theoretical aspects of modal logic

algebraic and coalgebraic perspective on modal logic

completeness and canonicity

correspondence and duality theory

many-dimensional modal logics

modal fixed point logics

model theory of modal logic

proof theory of modal logic

### variations of modal logic

hybrid logic

intuitionistic logic

monotonic modal logic

substructural logic

Papers on related subjects will also be considered.

## PAPER SUBMISSION

The Proceedings of AiML 2006 will be published by College Publications [www.dcs.kcl.ac.uk/kcl-publications/](http://www.dcs.kcl.ac.uk/kcl-publications/)

In a change from previous AiMLs, the proceedings will be made available at the meeting. Authors are invited to submit a full paper (not just an abstract) of at most 15 pages plus optionally a technical appendix of up to 5 pages, together with a plain-text abstract of say 100-200 words. To be considered, submissions must be received no later than **27 March 2006**. Papers must be submitted as .ps or .pdf files. The first page should include title, names of authors, the coordinates of the corresponding author, and some keywords describing the topic of the paper. More precise details will be available at [www.itee.uq.edu.au/~aiml06/](http://www.itee.uq.edu.au/~aiml06/)

To appear in the proceedings, papers must be prepared in LaTeX using the style files to be provided at [www.itee.uq.edu.au/~aiml06/](http://www.itee.uq.edu.au/~aiml06/). At least one author of each accepted paper must register for and attend the conference to present the paper.

## INVITED SPEAKERS

The invited speakers will include:

Renate Schmidt (Manchester, UK)

Valentin Shehtman (Moscow, Russia)

Igor Walukiewicz (Bordeaux, France)

Alberto Zanardo (Padua, Italy)

## PROGRAMME COMMITTEE

Alessandro Artale (Free University of Bolzano, Italy)

Alexandru Baltag (University of Oxford, UK)

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Julian Bradfield (University of Edinburgh, UK)

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Rob Goldblatt (Victoria University Wellington, New Zealand)

Valentin Goranko (University of the Witwatersrand, South Africa)

Rajeev Gore (Australian National University, Australia)

Ramon Jansana (University of Barcelona, Spain)

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Carsten Lutz (Dresden University of Technology, Germany)

Maarten Marx (University of Amsterdam, Netherlands)

Martin Otto (Technical University of Darmstadt, Germany)

Graham Priest (University of Melbourne, Australia)

Mark Reynolds (University of Western Australia, Australia)

Ildiko Sain (Hungarian Academy of Sciences, Hungary)

Renate Schmidt (University of Manchester, UK)

Jerry Seligman (University of Auckland, New Zealand)

Nobu-Yuki Suzuki (Shizuoka University, Japan)

Heinrich Wansing (Dresden University of Technology, Germany)

Frank Wolter (University of Liverpool, UK)

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## IMPORTANT DATES

Submission deadline: 27 March 2006

Acceptance notification: 26 May 2006

Final version for conference due: 30 June 2006

Conference: 25-28 September 2006

## CONFERENCE LOCATION

Advances in Modal Logic 2006 will be held at Australis Noosa Lakes

Conference Centre located at Noosaville, Noosa, Sunshine Coast,

Queensland. For more details see [www.tourismnoosa.com.au/](http://www.tourismnoosa.com.au/)

## FURTHER INFORMATION

Information about AiML-2006 can be found at

[www.itee.uq.edu.au/~aiml06/](http://www.itee.uq.edu.au/~aiml06/)

E-mail enquiries about AiML-2006 should be directed to the local organizers or the program co-chairs.

Information about AiML can be obtained at [www.aiml.net](http://www.aiml.net)