



**AI*IA 2005 - 9th Congress of the
Italian Association for Artificial Intelligence**
University of Milano - Bicocca
September 21-23, 2005
<http://AIIA2005.disco.unimib.it>



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The 9th Congress of the Italian Association for Artificial Intelligence will be held in Milan at the University of Milano-Bicocca from 21st to 23rd of September 2005.

Due to the success of the previous editions of the AI*IA Congress, this 9th edition is intended to collect national and international contributions on research results and applications in the main fields of Artificial Intelligence, and the reviewing of the submissions will be supported by an international program committee for the first time.

Artificial Intelligence is now a growing complex set of conceptual, theoretical, methodological and technical frameworks offering innovative computational solutions in the design and development of computer-based systems. Within this perspective, researchers working in this field have to tackle a broad range of knowledge about methods, results, and solutions coming from different classical areas of this discipline. This Congress has been designed as a forum allowing researchers to present and discuss specialized results as general contributions to the AI growth.

The Congress will be structured in two main tracks: Theoretical Track and Application Track. For the **Theoretical Track** papers are welcome on Formal Models, Algorithms, Languages, and Architectures describing:

- innovative research results
- extension and improvements
- work in progress, conjectures, and preliminary results

on the main classical and new fields of AI (agents, knowledge-based systems, knowledge representation, machine learning, model-based reasoning, natural language processing, non-monotonic reasoning, robotics, speech processing, temporal reasoning, user interfaces, virtual reality, vision and pattern recognition, ...).

For the **Application Track** papers are welcome on:

- delivered systems and experimental results
- prototypes and preliminary result analyses
- work in progress and results on feasibility analyses

applied to all traditional and new fields where AI impacts and offers innovative solutions (Arts, Automated Design, Biology, Chemistry, Engineering, Industry, Knowledge Management, Medicine, Pervasive Computing, Traffic Control, Urban Planning and Management, ...).

Important Dates:

March 25: submission of papers
May 10: acceptance/rejection notification
May 30: final version delivery

Proceedings: The Congress proceedings are planned to be published on the Springer series Lecture Notes in Artificial Intelligence. Moreover, selected papers will be collected for special issues of International Journals (further information will be posted at the congress web page).

Paper submission format: Papers not exceeding 12 pages, written in English and complying with the Springer-Verlag format (www.springeronline.com/lncs) should be submitted electronically.

For both theoretical and application tracks, poster sessions will be organized. Extended abstracts not exceeding 4 pages can be submitted in the same format for these sessions and accepted works will be published in the proceedings. Further information and submission instructions will be posted at the congress web page (<http://AIIA2005.disco.unimib.it>).