Call for Contributions

Inform the Chair: with the Title of your Contribution
Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICAS+2017+Special
Please select Track Preference as **DEMAS**

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Special track

DEMAS: Deliberative Multi-Agent Systems

Chair and Coordinator
Prof. Dra. Jerusa Marchi, Federal University of Santa Catarina, Brazil
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Co-chair:
Prof. Dr. Ricardo Silveira, Federal University of Santa Catarina, Brazil

along with
ICAS 2017, May 21 - 25, 2017 - Barcelona, Spain
The Thirteenth International Conference on Autonomic and Autonomous Systems
http://www.iaria.org/conferences2017/ICAS17.html

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The purpose of the DEMAS, Deliberative Multi-Agent Systems, special track is to bring together researchers, engineers and practitioners interested in the theory and applications in the areas of Agents and Multi-Agent Systems based on deliberative architectures. The track focuses mainly on Artificial Intelligence, Knowledge Representation, Planning, Learning, Scheduling, Perception and other topics related to Agents and Multi-Agent Systems based on deliberative architectures.

A substantial amount of research work is ongoing in these knowledge areas, in an attempt to discover appropriate theories and paradigms to use in real-world applications. Much of this important work is, therefore, theoretical in nature. This special track intends to emphasize the connection between theoretical issues on deliberative multi agent systems and their connection with systems automation, methodologies and techniques for designing, implementing and deploying autonomous systems.

In this special track, the objective of contributions is to discuss the following topics related to the design, implementation and deploying of autonomous systems:

- Distributed Problem Solving
- Agent Communication Languages
- Agent Models and Architectures
- Cooperation and Coordination
- Conversational Agents
- Negotiation and Interaction Protocols
- Programming Environments and Languages
- Task Planning and Execution
- Truth
- Emotions
- Belief Change
- Ontologies and Semantic Web
- Group Decision Making

Important Datelines
- Inform the Chair: As soon as you decided to contribute
- Submission: ~~February 3~~ April 13
- Notification with comments for camera-ready: ~~March 3~~ April 20
- Registration: ~~March 18~~ April 29
- Camera ready: ~~April 9~~ April 29

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICAS+2017+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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