3rd International Conference on Agreement Technologies

Conference website: http://ai-group.ds.unipi.gr/eumas-at2015/at2015

Agreement Technologies refer to computer systems in which autonomous software agents negotiate with one another, typically on behalf of humans, in order to come to mutually acceptable agreements. An agent may choose whether to fulfil an agreement or not, and it should fulfil it when there is an obligation to do so derived from the standing agreements. Autonomy, interaction, mobility and openness are key concepts studied within the Agreement Technologies approach.

Semantic alignment, negotiation, argumentation, virtual organisations, trust and reputation and several other technologies are part of the sandbox to define, specify and verify such systems. The International Conference Series on Agreement Technologies is an interdisciplinary forum that brings together researchers and practitioners working on the various topics comprising this emergent and vibrant field. It provides an avenue to discuss and exchange new ideas and techniques for the design, implementation and verification of next generation open distributed systems centred on the notion of agreement among computational agents.

Topics of Interest

- Argumentation and negotiation
- Trust and reputation
- Coalition & Team Formation
- Coordination and distributed decision making
- Computational social choice
- Semantic alignment
- Inter-theory relations
- Decision and game theoretic foundations for agreement
- Agent commitments
- Semantic service coordination
- Normative systems
- Individual reasoning about norm adoption
- Collective deliberation about norm adoption
- Autonomic Electronic Institutions
- Group planning agreements
- Deliberative agreement: social choice and collective judgment
- Evolution of organisational structures
- Social Intelligence
- Logics for agreements
- Real-time agreements
- Agreement patterns
- Agreement technologies architectures, environments and methodologies
- Applications of agreement technologies (e.g. web service composition, contract automation, supply chain automation, sensor networks, etc.)

Important Dates

- Deadline for registering abstracts: September 17, 2015
- Deadline for papers submission: September 20, 2015
- Final decisions to authors: October 15, 2015
- Camera Ready Papers: October 20, 2015
- Conference: 17- 18 December, 2015

Organization

Conference Chairs: Vicente J. Julian Inglada, George Vouros
Local Organizers: Alexander Artikis, George Vouros

Submissions

AT 2015 welcomes original, unpublished papers. We specially invite submissions by students who we think will receive valuable feedback from the discussion-oriented focus of the conference.

Authors are invited to submit papers in the following two categories:
(1) Full Papers:
Papers in this category should represent original and previously unpublished work that is currently not under review in any conference or journal. Both basic and applied research papers are welcome. Papers should not exceed 15 pages including references and figures.
(2) Position Papers:
Contributions in this category may represent either a summary of original work that has already been published in a conference or journal (in this case submissions must include explicitly a reference to the already published work), or ongoing research that can lead to important contributions to Agreement Technologies. Submissions in this category should not exceed 4 pages.

Each submission will be peer-reviewed. All submissions must be written in English and formatted according to the Springer LNCS style, which can be obtained from http://www.springer.de/comp/lncs/authors.html.

We request the submission of title and abstract prior to paper submission to support the tight schedule of reviewing.

Authors must submit their abstracts and papers through the AT 2015 Easychair submission site:
https://easychair.org/conferences/?conf=at15