



**1st AGREEMENT TECHNOLOGIES
WINTER SCHOOL
12-13 December 2017, Évry, France**

**1st Agreement Technologies Winter School
12-13 December 2017, Évry, France**

<https://at2017.ibisc.univ-evry.fr/WinterAT2017/index.php>

Agreement Technologies (AT) 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 AT 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 first edition of the Winter School on Agreement Technologies will be held at the University of Évry, France, from **12th to 13th of December 2017**, just on the previous days of AT/EUMAS 2017 conference. This AT Winter School will offer a rich programme of both introductory and advanced courses on Agreement Technologies. It will also provide a successful forum for knowledge exchange between experts and researchers in the field of Agreement Technologies.

The AT Winter School will consist of several courses on Agreement Technologies, given by well-known experts on this field. The courses are aimed at PhD students, advanced Master's students and other young researchers and will be taught by leading researchers in the field. AT Winter School 2017 is organised under the auspices of AGREEMENT TECHNOLOGIES PROJECT.

IMPORTANT DATES

- Deadline for **GRANT SUBMISSION**: ~~26th October~~ 12th November 2017 (extended)
- Deadline for **REGULAR** registration: 1st December 2017
- Winter School: 12th- 13th December 2017

GRANT SUBMISSIONS

A limited number of **student grants** are available for participants to the 1st Agreement Technologies Winter School, in the form of:

- > **Fee waivers (FREE REGISTRY)**
- > **Payment of 2 nights accommodation (at the University accommodation)**

Applications should be sent to at2017@easychair.org containing:

- 1) A cv of the applicant.
- 2) A recommendation letter by the supervisor.
- 3) An indication of the specific nights to spend in Evry (only 2 nights will be funded, but students can book for more nights) and if the applicant will also attend AT/EUMAS conference.

The deadline for application is **12TH NOVEMBER 2017**.

Notifications will be sent to applicants by 13th November 2017.

REGISTRATION FEES

- > Regular registration (until 1st December 2017): 190 EUROS
- > On-site registration: 230 EUROS

This fee covers participation in the courses, coffee breaks, lunches, and online access to the materials. The social event on 12th/13th December (Tuesday or Wednesday evening) will be covered by the fee if the funds allow.

AT WINTER SCHOOL 2017 TUTORS

This 1st edition of AT Winter School will provide a general vision of the main concepts related to Agreement Technologies. For this issue, we will count with well-known experts on this field. For this edition, the tutors are:

- **Sascha Ossowski**. Full Professor of Computer Science and the Director of the Centre for Intelligent Information Technologies (CETINIA) at University Rey Juan Carlos in Madrid. He has authored more than 200 research papers, focusing on the application of Artificial Intelligence techniques to real world problems in domains such as m-Health, Transportation Management, or Smart Grids. He is co-editor of more than 20 books, proceedings, and special issues of international journals. He belongs to the board of directors of the International Foundation for Autonomous Agents and Multiagent Systems (IFAAMAS), and is a member of the steering committee of the ACM Annual Symposium on Applied Computing (SAC). He has been the chair of COST Action IC0801 on Agreement Technologies, and was co-founder and first chair of the board of directors of the European Association for Multiagent Systems (EURAMAS).

Topic: Agreement Technologies and their applications.

- **Carles Sierra**. Professor at the Artificial Intelligence Research Institute (IIIA) of the Spanish Research Council (CSIC), Barcelona, Spain, and Adjunct Professor at the University of Technology (UTS), Sydney. He has authored more than 350 research papers, mainly focusing on multi-agent systems, negotiation and argumentation techniques, as well as electronic institutions. He also serves as a member of the editorial board for several international journals, such as AI Journal, AI Communications, Int. Journal of Autonomous Agents and Multiagent Systems, and acts as programme committee member for numerous international conferences and workshops. He has been the main researcher of the Agreement Technologies Project.

Topic: Negotiation.

- **Olivier Boissier.** Full Professor of Computer Science at Mines Saint-Etienne, School of the Institut Mines Telecom, France. Head of the Connected Intelligence Research Group at Laboratoire Hubert Curien, UMR CNRS 5516. He is serving on the program committees of many conferences (e.g. AAMAS, PAAMS) and workshops. He was also the program chair of the 12th French National Conference on Multi-Agent System, of the WI-IAT 2011 International Conference on Web Intelligence and Intelligent Agent Technology, and member of the steering committee of the COIN Workshop series. He has presented different tutorials in conferences, summer schools, mainly on the topic of multi-agent oriented programming and Organisation oriented Programming. He has coordinated the Web Intelligence project, participated to the COST Action IC0801 on Agreement Technology. These last years, he has started to develop ethics by reasoning models and tools in the context of the development of AI technologies within socio-technical systems (part of the National project ETHICAA).

Topic: Multi-Agent Oriented Programming of Collective Autonomous Systems: a short and practical introduction to the JaCaMo platform

- **Nicoletta Fornara.** Docente-ricercatore (maître d'enseignement et de recherche MER) at the Faculty of Communication Sciences at Università della Svizzera italiana (USI), Lugano, Switzerland. Since 2000, she is the Scientific Coordinator of the Institute for Communication Technologies, Università della Svizzera Italiana (USI). She has directed several Swiss National Science Foundation (SNF) projects, several Hasler Foundation projects and she was also the principal investigator of a project funded by the Swiss State Secretariat for Education Research (SERI) within the COST Action IS1004 WEBDATANET. She was Member for Switzerland of the Management Committee of the COST Action IC0801 on Agreement Technologies. She has been teaching assistant and lecturer of numerous courses at USI, SUPSI, and Politecnico di Milano (Faculty of Computer Engineering). She has been in the program committee (PC) of numerous international conferences and workshops in the field of Multiagent systems, such as AAMAS, PRIMA, ECAI, EUMAS, and AAI, and member of the Steering committee of COIN. She has authored more than 45 scientific papers in the research area of Multiagent Systems, Semantic Web Technologies, and Access Control.

Topic: Norms/policies formalization and management using Semantic Web technologies.

- **Jose Such.** Senior Lecturer (Associate Professor) in Computer Science in the Department of Informatics at King's College London. From Oct 2012 to Sept 2016 he was Lecturer (Assistant Professor) at Lancaster University, and its Security Lancaster Research Centre. He has been principal investigator for 6 projects funded by EPSRC, Google, UK Government, and InnovateUK. He has co-authored 27 papers in top-tier SCI-indexed journals, has been in the program committee (PC) of top-tier conferences (AAAI, AAMAS, ECAI), has been guest editor in top-tier journals (IEEE Intelligent Systems , ACM Transactions on Internet Technology, and Information Systems Frontiers), and has organised focused workshops on agents and security and privacy (ACySe@AAMAS, PrAISe@ECAI). As an expert in security and privacy, his research sits at the intersection between Cyber Security (access control, personal data, security and assurance techniques), Artificial Intelligence (multi-agent systems), and Human Factors (quantitative and qualitative research methods), with applications to Social Computing, Cyber-Physical Systems, and e-Commerce.

Topic: Agreement Technologies applied to privacy and security.

CONTACT DETAILS

AT Organising Committee (at2017@easychair.org)