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International Summer School on Companion Technology 2017

Theory and Application

<http://issct.cogsy.de>

Organisers

Ronald Böck
University Magdeburg

Ingo Siegert
University Magdeburg

Tatiana Gossen
University Magdeburg

Steffen Walter
Ulm University

György Eigner
Obuda University

Adrian Stoica
NASA and CalTech

Andreas Nürnberger
University Magdeburg

Venue

Ulm, Germany
(in conjunction with the
ICCT 2017)

Scope

We are pleased to announce that the International Summer School on Companion Technology (ISSCT 2017) which will be held on September 9-13, 2017 in Ulm, Germany.

Companion technology is a trending research direction that gained a lot of interest from the industry in the recent years. Therefore, the summer school's aim is to present the fundamental aspects of the companion theory which can be discussed in an interdisciplinary context. There are three main fields to consider: psychology regarding the interpretation of emotions, computer science and information technology regarding classification and planning, and human-machine interaction (HMI) research. Especially the HMI context provides a link between theory and application which receives special attention in this summer school. Therefore, we invited experts introducing applications in the field of companion agents and cognitive robotics. In between, the companion theory and technology is also based on research in neurosciences. Therefore, we encourage the participants to contribute to experiments showing the neurological basics which are connected to assistance and HMI.

This year's edition is intended for students on Master and early PhD level. In particular, attendees will be able to extend their knowledge in both theoretical and practical aspects of companion technology such as:

- Companion theory
- Companion agents and cognitive robotics
- Psychology and neurosciences
- Human-machine interaction.

Since the ISSCT 2017 will be held in conjunction with the IEEE International Conference on Companion Technology, we invite all participants to submit a position paper on their research topic to the conference on special deadline conditions.

The International Summer School on Companion Technology is a great opportunity for you to learn about a new technology, meet other students, discuss your ideas with experts, participant on an international conference and simply enjoy your time in the city of Albert Einstein!

Important Dates

Application Deadline:
August 4th, 2017

Notification of Acceptance:
August 8th, 2017

Summer School Date:
September 9-13th, 2017

Summer School Program (further details on website):

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| Day 1 | Perspectives of Companion Technology: Theory and Beyond |
| Day 2 | Companion Technology: Neurobiology |
| Day 3 | From Theory to Application |
| Day 4 | Companion Technology and Human-Robot Interaction |
| Day 5 | Robotic Companions |

Submission

The application deadline is August 4, 2017. For this, a motivational letter (two pages maximum) and a CV should be send to issct@cogsy.de. Further, we also accept applications for one of the ten available travel grants (up to an upper limit). The travel grant are intended to cover the travel costs to the summer school's venue. Therefore, the application has to provide an additional list of estimated travel costs to Ulm. For further information refer to <http://issct.cogsy.de>.

Furthermore, we invite the participants to submit a position paper on their research topic to the IEEE International Conference on Companion Technology on special deadline conditions.

For further information refer to <http://issct.cogsy.de> and <http://icct2017.companion-technology.org>.

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