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International Summer School on Companion Technology 2017

Theory and Application

<http://issct.cogsy.de>

Organisers

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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 a multidisciplinary context. We show that such aspects cover emotional interpretations as considered in psychology, classification and planning issues analysed in computer science and information technology, as well as research on human-machine interaction (HMI). Especially, the HMI context provides a link between theory and application. This facet will be emphasised by the summer school as well. 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 the time in the city of Albert Einstein!

Important Dates

Application Deadline:
July 26th, 2017

Notification of Acceptance:
August 8th, 2017

Summer School Date:
September 9-13th, 2017

Summer School Program (further details on website):

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

Please apply until July 26, 2017 since there is a limited number of participants. For this, a motivation letter (two pages maximum) and a CV should be send to issct@cogsy.de. Further, we accept also applications for one of the ten travel grants (subject to a cap). This includes an additional list of estimated travel cost 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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