



International Summer School on Situation Awareness in Cognitive Technologies 2021

Theory and Application

<http://isact.cogsy.de>

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Venue
Magdeburg, Germany
(in conjunction with the
ICHMS 2021)

Scope

We are pleased to announce that the International Summer School on Situation Awareness in Cognitive Technologies (ISACT 2021) will be held from September 6 to 11, 2021 in Magdeburg, Germany, in conjunction with the IEEE International Conference on Human-Machine Systems (ICHMS 2021).

Situation Awareness in Cognitive Technologies is a trending research direction that gained a lot of interest from the industry in recent years. Therefore, the summer school aims to present the fundamental aspects of situation awareness in cognitive technologies which can be discussed in an interdisciplinary context. There are a couple of aspects to consider: Situation Awareness, Cognitive Technologies, Human-Computer Interaction (HCI) and Explainable AI (XAI). Especially the HCI context provides a link between theory and application which receives special attention in this summer school along with the recent trends in Explainable AI. To make this school an interactive learning experience, we would encourage the participants to share their research presentations (posters) related to the above-mentioned topics.

This year's edition intends to bring together academia and industry to provide a large practical perspective to undergraduate and graduate (including early-stage PhD) students, as well as to young industry personnel. Attendees will be able to extend their knowledge in both theoretical and practical aspects of:

- Situation Awareness
- Cognitive Technologies
- Brain-Computer Interaction
- Human-Computer Interaction
- Explainable AI

The International Summer School on Situation Awareness in Cognitive Technologies is a great opportunity to learn about new technologies, meet fellow students/employees, discuss ideas with experts, participate in an international conference and simply have a splendid time in the city of Otto von Guericke!

Important Dates

Application Deadline:
July 19th, 2021

Notification of
Acceptance:
July 28th, 2021

Summer School Date:
September 6-11th, 2021

Summer School Program (tentative, further details on the website):

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|-------|----------------------------|
| Day 1 | Situation Awareness |
| Day 2 | Cognitive Technologies |
| Day 3 | Brain-Computer Interaction |
| Day 4 | Human Computer Interaction |
| Day 5 | Explainable AI |
| Day 6 | Abridgment |

Application Procedure

The application deadline is July 19th, 2021. Please fill out the application form at isact.cogsy.de/apply and upload your CV to isact.cogsy.de/cv. Moreover, we also accept applications for travel grants. The travel grant intends to cover the travelling costs to the summer school's venue. Therefore, the application must provide an additional list of estimated travel costs to Magdeburg. For further information please refer to isact.cogsy.de.

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