

## Call for Contributions

**Inform the Chair:** with the Title of your Contribution

**Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ACHI+2017+Special>

Please select Track Preference as **COINCIDE**

Special track

### **COINCIDE: Cognitive Processes and HCI Design**

#### **Chair and Coordinator:**

Prof. Dr. Paul Rosenthal, Faculty of Computer Science and Electrical Engineering, University of Rostock,  
Germany

[research@paul-rosenthal.de](mailto:research@paul-rosenthal.de)

along with

ACHI 2017, March 19 - 23, 2017 - Nice, France

The Tenth International Conference on Advances in Computer-Human Interactions

<http://www.iaria.org/conferences2017/ACHI17.html>

One major feature of human-computer interaction is the inherent interdisciplinarity. In not many other fields, there can be such a strong interrelation between high-performance computing, algorithmic geometry, data analytics, media psychology, and cognitive science. However, incorporating all of these fields at a time in research projects is often not needed and still very cumbersome. What is most important and should not be underestimated in the majority of research is the strong link between interface design and cognitive processes.

This track specifically invites contributions that particularly highlight this interdisciplinary link. We want to promote the whole range from the incorporation of cognitive and psychological knowledge into the interface-design process and on the other hand the research of common HCI challenges with psychological methods.

**The list of desired topics includes, but is not limited to:**

- Human-centered data analytics
- Cognition-tailored human-computer interaction
- Discussing cognitive aspects of human-computer interaction
- Impact of human-computer interfaces on cognition processes
- Relating cognitive insights to practical HCI challenges
- Qualitative and quantitative evaluation of human-computer interaction approaches

#### **Important Datelines**

- Inform the Chair: As soon as you decided and secured the financial support
- Submission: January 15
- Notification with comments for camera-ready: February 5
- Registration: February 20
- Camera ready: February 25

#### **Contribution Types**

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Presentations: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Demos: two pages [posted on [www.iaia.org](http://www.iaia.org)]

### **Paper Format**

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

### **Paper Submission**

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=ACHI+2017+Special>

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### **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

### **Contact**

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