

Call for Contributions

Inform the Chair: with the Title of your Contribution

Submission URL:

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

Please select Track Preference as **COGWEB**

Special track

COGWEB: Cognition and the Web

Chair and coordinator: Dr. Paul Smart, University of Southampton, UK

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along with

COGNITIVE 2017, February 19 - 23, 2017 - Athens, Greece

The Ninth International Conference on Advanced Cognitive Technologies and Applications

<http://www.aria.org/conferences2017/COGNITIVE17.html>

The cognitive and epistemic implications of the World Wide Web are an increasing focus of research interest within the cognitive science and computer science community. Some have argued that the Web provides the means to extend the reach of human cognition, effectively enabling us to surpass the limits of biologically-based cognition. Others, however, have argued that properties of the Web pose a threat to human cognition, undermining our abilities to think, read and remember. Both camps tend to limit their attention to the effects of the Web on individual cognition (as opposed to collective, group or distributed cognition). They also, crucially, tend to overlook the opportunities the Web provides for the scaffolding of machine-based forms of cognitive processing.

This special track invites papers on any topic related to the cognitive implications of Web. This includes the impact of the Web on aspects of individual cognitive function (e.g., attention, memory, learning, reading, and so on), as well as the effects of the Web on collective (or distributed) cognitive processing (e.g., collective sensemaking). The track also aims to consider the relevance and impact of the Web for hybrid forms of (human-machine) cognition, as well as the role of the Web in supporting the emergence of novel forms of machine intelligence (e.g., cognitive computing).

Possible topics include (but are not limited to) the following:

1. Social cognition and the Social Web
2. Cognitive extension and the Web
3. Distributed cognition and collective intelligence
4. Crowd-powered cognitive systems
5. Ambient intelligence and the Web of Things
6. Forgetting and remembering on the Web
7. The social shaping of machine cognition
8. Embodied cognition and wearable devices
9. Reading and comprehension on the Web
10. Cognitive computing and the Semantic Web
11. The global brain
12. Hybrid cognition and human-machine interaction

- 13. Attentional effects of Web access
- 14. Cognitive change in online communities

Important Dates

- Inform the Chair: As soon as authors decided to submit and secured the financial support
- Submission: January 15
- Notification with the comments for camera-ready: January 25
- Registration: February 5
- Camera-ready: February 8

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.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.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.iariasubmit.org/conferences/submit/newcontribution.php?event=COGNITIVE+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.iaria.org/registration.html>

Contact

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