

Cognitive Training with Mobiles (CTM)

Overview

This special session aims to extend the focus areas of the main conference on specific research and scientific challenges in the Computerized Cognitive Training and the respective Technology domain faced in Europe and globally and hence more interactive input from industry. The essence of the special session lies in its interdisciplinary nature, with original contributions cutting across boundaries but all within the ambit of the application of mobile communications (technologies, standards, solutions, methodologies, ...) to the support of Cognitive Training.

As such, the special session will have a multi-tier approach: going from wearables to ubiquitous user/patient monitoring environments and mobile applications.

Topics

The special session aims to support research and innovation on Computerized Cognitive Training and especially in:

- Mobile and Cognitive Training Systems
- Innovation in Cognitive Training Technology
- Cognitive Training services
- Mobile and Cognitive Training applications
- Internet of Things (IoT) for supporting Cognitive Training
- Wearable and Implantable Devices
- Data Collection and Data Mining in Cognitive Training Applications
- Self-systems for Cognitive Training
- Daily Healthcare
- Advances in sensor devices for biomedical monitoring to support Cognitive Training
- Intra-body communication issues (propagation & transmission)
- Body Area networks (architectures, protocols, scheduling, etc.)
- Wearable, outdoor and home-based applications to support Cognitive Training
- Decision support algorithms for data analysis

Contribution Types

Proposals for participation in the Special Session can be submitted in the following formats:

- Full Paper (min. 10 max. 12 pages). These include mainly accomplished research results.
- Short Paper (min. 6 max. 8 pages). These are mostly composed of work in progress reports or fresh developments.

All submissions will be peer-reviewed by at least two reviewers. All accepted papers will be included in the conference proceedings, provided at least one author pays the registration fee. The conference proceedings will be published as IMCL2017 Proceedings in the Springer series "[Advances in Intelligent Systems and Computing](#)".

For further questions, please contact the track chair(s).

Important Dates

08 Sep 2017	Submission of complete papers for special sessions
29 Sep 2017	Notification of acceptance
20 Oct 2017	Author registration deadline

27 Oct 2017 Camera-ready due
30 Nov 2017 Conference Opening

Submission

Please visit: <https://www.conftool.net/imcl-conference/> and submit your paper as in the special session **“Cognitive Training with Mobiles (CTM)”**

Program Committee

Chairs of the session:

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