

Call for Papers: Spatial Cognition Sessions at CPGIS 2020

Dear colleagues,

The 28th Chinese Professionals in Geographic Information Sciences (CPGIS) Annual Conference (GeoInformatics 2020) will be held on June 26-28, 2020 at the Jiangxi Normal University, Nanchang, Jiangxi Province, China (<https://www.cpgis.org/Conferences/ConferenceDefault.aspx?ID=1076>). Several sessions focusing on *spatial cognition in the mobile information era* will be organized at this conference. We sincerely invite you to contribute extended abstracts or full papers to these sessions. Topics of interest include, but are not limited to the following:

- **Technology and services for mobile maps:** new technology and devices (e.g., eye tracking, augmented reality, immersive virtual reality), new map use scenes (e.g., autonomous driving), and location-based services (LBS).
- **Experiments in indoor and outdoor environments, using (immersive) virtual reality (VR) or augmented reality (AR)**
- **New technologies and methods for spatial cognition:** new technologies designed to investigate spatial cognition such as eye tracking, EEG and functional magnetic resonance imaging (fMRI); new methods to support experiment design and data analysis.
- **Artificial Intelligence (AI) and geocomputation for spatial cognition**
- **Cartographic designs, applications and evaluations:** new map interfaces, representations and map interaction designs for mobile platforms, map applications that are context-aware, personalized, adaptive and/or responsive across devices.
- **Cognitive studies:** new cognitive aspects of mobile map use, influence of dynamic environments, user behavior analysis (e.g., gaze behavior, spatial behavior), individual and group differences, information communication among the cartographic visualizations, the user and the environment.

Submission Guidelines:

Please follow the instructions here: <https://www.cpgis.org/Files/201911251537532997.pdf>.

More information at: <https://www.cpgis.org/Conferences/ConferenceDefault.aspx?ID=1076>

Important Dates:

- Submission (extended abstract OR full paper) due: Jan 15, 2020
- Notification of acceptance of submission for presentation (oral or poster): Feb 12, 2020
- Notification of acceptance of full paper for the conference proceedings: Feb 29, 2020
- Registration opens: Mar 1, 2020
- Early Bird registration ends: Mar 31, 2020

Session Organizers:

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