

Advances in Localization and Navigation (GIS Ostrava 2021)

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

The current globalized world counts on localized data and location-aware services in a broad list of domains. People use their mobile devices for navigation in day-to-day professional and leisure time activities, companies automate their production or distribution, (unmanned) vehicles autonomously carry out given tasks separately or even cooperatively, and practically everything can be tracked during its movement.

This Special Issue, which stems from the conference “GIS Ostrava 2021: Advances in Localization and Navigation”, welcomes submissions on (but not limited to) the following topics:

- Localization via wireless networks
- Satellite positioning and navigation
- Vision-based localization and navigation
- Inertial localization and navigation
- Fusion of sensors and technologies
- Autonomous operation of vehicles and robots
- Simultaneous navigation and mapping (SLAM)
- Cooperative localization and navigation, intelligent transportation
- Artificial intelligence in localization and navigation
- Indoor navigation
- Pedestrian navigation
- Location-based services
- High-definition maps
- Standards and interoperability
- Algorithms and software development



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Message from the Editor-in-Chief

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