

# Location Privacy and Security Workshop (LoPaS 2018)

In conjunction with the 10<sup>th</sup> International Conference on Geographic Information Science (GIScience '18)

28 August, 2018 – Melbourne, Australia

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## Important Dates

Submissions Due:

4 June, 2018

Acceptance Notification:

2 July, 2018

Camera-ready Copies Due:

16 July, 2018

Workshop:

28 August, 2018

## Organizers

Grant McKenzie

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College Park, USA

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Aalborg University,  
Copenhagen, Denmark

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Penn State University,  
State College, USA

All registered workshop participants will be invited to give a 5 minute, ignite style, lightning presentation on a subject related to the workshop topic.

Accepted papers will be published via [CEUR-WS](#).

Plans are underway for a special issue journal call on this topic.

Location privacy has been a topic of research for many years but has recently seen a resurgence in interest. This renewed interest is driven by recent advances in location-enabled devices, sensors and context-aware technology, and the broader Internet of Things (IoT). The data generated via these devices are being collected, analyzed, and synthesized at an unprecedented rate. While much of these data are used in the advancement of products or services, many individuals are unaware of the information that is being collected, or how it is being used. The resulting information extracted from these personal data have contributed to significant advances in domain such as location recommendations or fitness/health services, but these advances often come at the cost of location privacy. This workshop is aimed at facilitating a discussion surrounding current methods and techniques related to location privacy as well as the social, political, etc. implications of sharing or preserving location privacy. Further, this workshop invites contributions and discussion related to methods and techniques for securing location information and preserving the privacy of geospatial data.

## Topics of interest for the workshop include, but are not limited to:

- Context-aware mobile applications
- Obfuscation techniques
- Educational approaches to location privacy
- Policy implications of personal location information
- Role of location in personal relationship development
- Geosocial media implications
- Credibility, trust, and expertise related to location information
- Tools and systems for preserving or securing private information
- Techniques for sharing private location information
- Methods for securing location information
- Place-based data privacy
- Individual vs. group privacy preservation
- Gamification techniques
- Next-generation location-based services
- Geofencing
- Marketplaces for location data

## We invite two types of submissions for this workshop:

- Novel research contributions (6-8 pages)
- Vision / work-in-progress papers (3-6 pages)

Submissions must be original and not be under review elsewhere. Acceptance will be based on relevance to the workshop, technical quality, originality, and potential impact, as well as clarity of presentation. All submitted research papers will be reviewed by 2-3 referees.