

LocWeb2022: 12th International Workshop on Location and the Web

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ABSTRACT

The LocWeb2022 workshop at The Web Conference 2022 will run for the 12th time with evolving topics around location-aware information access, Web architecture, spatial social computing, and social good. It is designed as a meeting place for researchers around the location topic at The Web Conference and takes an interdisciplinary perspective.

CCS CONCEPTS

• **Information systems** → **World Wide Web; Spatial-temporal systems.**

KEYWORDS

location, location-aware information access, geospatial analysis, Web architecture, spatial social computing, place

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1 INTRODUCTION

We are happy to welcome you to the 12th edition of the International Workshop on Location and the Web (LocWeb2022) at WWW 2022, The Web Conference. The workshop represents the intersection of geospatial analytics and Web architecture.

We see the location topic as a cross-cutting and interdisciplinary issue equally concerning location-aware information access, semantics and standards, social analysis and mining, and Web-scale systems, services, and architecture. Location and its integration continues to provide challenging research questions. It additionally has a role in large systems of social and societal importance, and we aim to explore this connection further under the topic of data science for social good.

Location plays a key role as a context factor for users, and it is also of paramount importance to consider the implicit or explicit place of resources and people in the physical world. It is an important factor in mobile and geo-social applications and it drives geospatially-aware Web data mining in all its forms. Focusing on

static and dynamic spatio-social networks allows to understand how people are influenced by social interaction in their daily life decisions. It also opens up larger societal challenges, the use of such systems, or their governance questions.

The workshop topics are designed to reflect the multitude of fields that demand and utilize location data. We encourage submissions to take an interdisciplinary perspective. Subtopics include (i) geospatial semantics, systems, and standards; (ii) large-scale geospatial and geo-social ecosystems; (iii) mobility; (iv) location in the Web of Things; and (v) mining and searching geospatial data on the Web. The workshop encourages work describing Web-mediated or Web-scale approaches that build on reliable foundations, and that thoroughly understand and embrace the geospatial dimension.

We accepted 3 papers from Europe and Asia out of 4 submissions, with contributions from academia and industry. Our PC provided substantial reviews, with acceptance results as follows:

Table 1: Review and acceptance statistics

Submission Type	Reviewed	Accepted	Percentage
Full Papers	3	2	67%
Short Papers	1	1	100%
Total	4	3	75%

Contributions cover diverse topics such as location-based social networks, spatial spreading characteristics in social media, and improved image recognition through the use of geodata. Additionally we will host a keynote and hold a discussion session, for an engaging half-day workshop.

The full updated programme of the workshop will be available on the workshop website¹.

ACKNOWLEDGMENTS

Putting LocWeb2022 together was a team effort. We thank the authors for their submissions, our programme committee for substantial reviews under tight deadlines, and The Web Conference for hosting us.

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¹LocWeb2022: <https://dhere.de/locweb/locweb2022/>