



# MapInteract 2013

held in conjunction with ACM SIGSPATIAL 2013

[www.MapInteract.org](http://www.MapInteract.org)

## Scope

Maps are all around us and the visual core of spatial information. We use them on the Internet, in mobile devices, navigation systems, analysis and planning tools, for information visualization, or gaming. Whenever maps are involved, it usually is not about displaying static information, but about finding, accessing, adding, or editing information. We want to inspect relationships between entities, navigate through large result sets, and identify best solutions. Whatever it is, we need to express our needs and requirements such that algorithms and data can provide the answer. However, working with maps is surprisingly awkward. Even simple queries can require a lot of interaction, the formulation of complex queries is sometimes not even possible - although we know more about the user, the context, and the task than ever before.

With MapInteract 2013 we want to explore the future of maps as fully interactive interfaces. We are seeking for contributions addressing different facets of interactivity with maps: from interaction design and studies to algorithms and data enabling interaction. The application of maps is highly diverse and we aim to provide a forum bringing researchers and practitioners of many domains and backgrounds together.

We invite the submission of research papers and interactive demos to discuss and experience new map-based interaction techniques and modalities, algorithms involved in interaction and visualization, user studies, adaptation, research agendas, common challenges.

## Format

This workshop is about interaction, and so is the format. We want to create a platform for exchanging ideas, discussion, and demonstration between researchers and practitioners. To make our workshop an agile experience, we are aiming at a mixture of talks and hands-on experience with interactive demos.

Are you developing novel interaction designs for specific tasks, users, or application areas? Are you designing new algorithms and procedures to perform map-based interactions? Are you developing novel interactive visualizations to explore new knowledge? Whatever it is you can submit and present your work in two ways: *paper&talk* or *paper&demo*. We will have dedicated sessions for both, allowing theory, experience, and communication come together for an inspiring workshop.

## Important Dates

- Aug. 15, 2013** Submission Deadline
- Sep. 15, 2013** Notification of Acceptance
- Oct. 1, 2013** Camera-ready Version due
- Nov. 05, 2013** Workshop at ACM SIGSPATIAL GIS 2013

# Topics

Submit your paper or demo to MapInteract 2013 if your research is related to interaction and concerned with one or more of the following topics (not limited to these):

- Map Interaction Design
- Algorithms for Interactive and Dynamic Maps
- Human-Computer Interaction
- Mobile Maps
- Interactive Maps
- Visual Analytics
- Cognitive Ergonomics
- Map Gestures
- Projected Maps
- Dynamic Maps
- Interacting with Multidimensionality
- Interactive Schematic Maps
- Designing for Map-based Collaboration
- Designing for Situated Activity
- Maps and Augmented Reality
- Designing for Maps on Small, Large, Shared or Ambient Displays
- Distributed Interaction Principles
- Field Research and Design
- Novel Map-based User Interfaces and Interaction Techniques
- Visualization Techniques
- Multi-modal Interfaces
- Multi-user Interaction & Cooperation
- Maps on Shared Devices
- Tangible Interfaces

# Submission

We invite the submission of two types of contributions:

- **Papers** of up to **6 pages** describing original work or work-in-progress. Accepted papers will be presented as regular talks with or without a demo.
- **Demos** of interactive systems. Demos need a small accompanying paper of up to 2 pages. All proposed demos need to be available at submission time. We accept everything running: websites, videos, apps. This is about ideas and their implementation, we do not expect polished products. If you are in doubt just contact us!

All papers (regular and demo papers) should be submitted as PDF file formatted in the style of the ACM Proceedings Format (<http://www.acm.org/sigs/publications/proceedings-templates>) and should not exceed 6 pages including text, figures and references. To ensure high quality, all submitted papers will be carefully peer-reviewed by 3 committee members. One author of an accepted paper or demo is required to register for the workshop and the conference, as well as attend the workshop to present the accepted submission.

All papers and demo proposals must be submitted via EasyChair using the following URL:

<https://www.easychair.org/conferences/?conf=mapinteract2013>

We are looking forward to receive your contribution!

