



The explosion of computing driven location based applications in the past few years has revolutionized the way we live and work. COM.Geo 2012 is the 3rd international conference and exhibition on computing for geospatial research and application with focuses on the latest computing technologies for multidisciplinary research and development that enables the exploration in geospatial areas. COM.Geo conference is an exclusive event that connects researchers, developers, scientists, and application users in both computing and geospatial fields.

Innovative research and application technologies are the brightest spotlights at COM.Geo conference.

COM.Geo 2012 Highlights

GPU Computing for Geospatial: GPUs are accelerating everything! GPUs have been widely used for computer graphics and visualization applications in geospatial fields for years. But today's GPUs are powerful for general purpose computing -- General Purpose Computing on the Graphics Processing Unit (GPGPU). GPGPU leverages the microprocessors that power many modern graphics cards. GPGPU has great promise for bringing the distributing processes to the geospatial research and application, such as point clouds based LiDAR data processing and large remote sensing image processing, and so on.

Sensor Computing for Geospatial: Sensors Everywhere! An increasing number of pervasive and connected sensors are intelligently monitoring our daily lives. Sensors are gathering and reporting data on a variety of areas including transportation, energy, security, medical, general consumer and industrial manufacturing. This sensor revolution is creating a new layer of the Internet -- "Internet of Things". What will be a world characterized by sensors everywhere? How to handle sensor data explosion in such a world? At COM.Geo 2011, the workshop, Expanding Geoweb to An Internet of Things, was introduced. This year, COM.Geo 2012 will further bring more new thoughts to explore sensor computing for geospatial research and application.

Call for Submissions

COM.Geo is a leading-edge conference for computing for geospatial research and application. We invite you to submit your research or application work to the following programs. ***Suggested topics include all computing, geospatial, and related applications.*** Accepted manuscripts appear in the COM.Geo proceedings published by ACM and in the ACM Digital Library. For more details, please visit the website at <http://www.com-geo.org>.

- Full Papers
- Short Papers
- Tech Talks
- Demo Talks
- Panels/Panels+
- Posters
- Courses
- Invited Sessions
- Workshops

Important Submission Deadlines

Full Papers	March 5, 2012
Short Papers	March 12, 2012
Courses/Panels/Panels+ Proposal	April 9, 2012
Tech Talks/Posters Abstract	April 9, 2012
Invited Sessions/Workshop Proposal	January 23, 2012
Demo Talks/Posters Abstract	April 23, 2012

Invitation to Sponsor & Exhibit

COM.Geo conference offers organizations maximum exposure and recognition with this great event. COM.Geo 2012 will be held in Washington DC, where most of federal government agencies are located. You really can't afford to miss this premier gathering in DC. Your organization can be well positioned and highly visible for department managers and decision makers from government agencies. Take advantage of these great promotional opportunities and select the level of sponsorship best suited for your organization.