

International Lidar Mapping Forum Call for Papers

The eleventh International Lidar Mapping Forum (ILMF) is accepting abstract submissions for its three-day technical conference. ILMF 2011 is to be held in New Orleans on 7th to 9th February 2011 and will welcome speakers from the international Lidar community who will report on latest technology advances and recent projects, highlighting actual experiences and lessons learned. Submissions are welcome until 15th September 2010.

Authors wishing to submit a paper for the conference are requested to submit an abstract of no more than 250 words online.

The following topics should act as a guideline:

- Data Acquisition - Airborne Lidar: acquisition systems, imagery and complementary sensors and best practices; urban, rural, transmission line scanning; pipeline mapping
- Data Acquisition - Bathymetric Lidar: acquisition and imaging systems and best practices for the flood plain and coastal bathymetry sectors
- Data Acquisition - Emergency Response: fault detection for geologic surveys; pre- and post earthquake mapping; quantifying and analyzing volcanic ash clouds
- Data Fusion & Processing Technologies: geospatial data capture, processing, analysis, management, archiving and retrieval; improving operational excellence; processing mobile imagery; quality control analysis
- Developments in GIS & Data Modeling: 3D visualization, integration with photo-imagery, urban modelling; remote access and processing of Lidar data
- Industry Issues: federal and individual State initiatives; operating and GIS standards, quality and productivity issues; recruitment/training issues
- Mobile Mapping & Survey: data acquisition; vehicle-based high speed mapping systems; operational practices and data management
- Recent Project Examples: Lidar customers and service providers reporting on experiences in all areas of Lidar and Mobile Mapping, on commercial, Federal and State funded projects, developments and in new or emerging markets
- Systems Integration: advances in data capture, data processing and improved operations efficiency
- Trends and New Technology Developments: advances in Lidar waveform processing and other technology developments, applications and operational practices

ILMF 2011 expects to showcase more than 50 leading companies in this growing global market. Exhibitors to date include Lidar and complementary sensor manufacturers, survey service companies, data processing, GIS and management specialists and the latest mobile mapping vehicles. Over 50% of booths have been sold so far; for more information regarding exhibiting contact jo.trippett@intelligentexhibitions.com