

# International LowCost 3D Workshop to Be Held in Hamburg



The city of Hamburg, Germany, will be the venue of the 5th International Workshop LowCost 3D - Sensors, Algorithms, Applications being held from 28-29 November. LowCost 3D is a series of international workshops on low-cost three-dimensional sensor systems and tools, ranging from low-cost acquisition devices like handheld scanning systems to inexpensive photogrammetric algorithms and processing software and applications.

Started by Prof Frank Neitzel from Technical University Berlin and Prof Ralf Reulke from Humboldt-University in Berlin, the workshops were organised and hosted alternating between these two universities. Since 2011 four workshops took place in Berlin while in 2017 the 5th workshop will be hosted by the HafenCity University Hamburg.

The main focus of the workshop is to discuss new developments in low-cost 3D sensor technology, algorithms, and applications. Contributions in the form of papers and posters are invited for the following topics:

- Image- and range-based low-cost sensor systems including low-cost scanning systems
- Low-cost sensor calibration and system integration
- Accuracy investigations in low-cost sensor systems
- Low-cost sensors for automatic data acquisition
- Automation in data registration
- Point cloud analysis
- Image matching and 3D reconstruction
- Low-cost sensors including open-source and free algorithms for terrestrial 3D modelling
- Web-based tools for terrestrial 3D modelling
- 4D modelling
- Low-cost systems for Virtual and Augmented Reality applied to the visualization of 3D models

The organising committee invites geospatial professionals to submit an abstract by 29 August 2017. The abstract should comprise at least 1,000 words, possibly with figures, and should be sent as PDF file (first-author-name\_etal.pdf) via email to [lc3d@hcu-hamburg.de](mailto:lc3d@hcu-hamburg.de).

Abstract submission: 29 August 2017

Notification to Authors: 18 September 2017

Full Paper Submission: 20 October 2017

Further information about the workshop: <http://lc3d.net>.