

Advancement in Photogrammetry, Remote Sensing and Geoinformatics

The Institute for Photogrammetry of the University of Stuttgart and the OpenPhoWo partners would like to give notice of the

**56th Photogrammetric Week in Stuttgart
from Monday, September 11 to Friday, September 15, 2017.**

The biennial event Photogrammetric Week (PhoWo) was initiated by Carl Pulfrich as a “vacation course in photogrammetry” in 1909; since 1973 it has been held at the University of Stuttgart. Over the years remote sensing and geoinformatics together with photogrammetry have become the major subject areas of this conference. Today, the Photogrammetric Week enjoys international recognition as an upgrading seminar and a platform for the exchange of experience. And the new organizer is as well committed to continue the successful history of this event.

The lectures will focus on trends and achievements of the following topics:

- **Sensors and Data Acquisition**
- **Photogrammetry, Computer Vision and Remote Sensing**
- **Geoinformatics**

The presentations will be in English. Sufficient time will be allocated for discussions.

The program will be supplemented with demonstrations and comments on practical examples in the afternoons. The fringe events will offer sufficient opportunity for personal contacts.

We look forward to meeting you in Stuttgart.

Stuttgart, January 2017



Prof. Dr.-Ing. Uwe Sörgel
Institute for Photogrammetry
University of Stuttgart

Photogrammetry, computer vision, remote sensing, and geoinformatics partly overlap in terms of research and practice. Therefore, in comparison to former Photogrammetric Weeks we now classify the topics of the lecture program into two key categories *Sensors and Data Acquisition* and *Methods and Applications*.

Sensors and Data Acquisition (Satellite, airborne, UAV, terrestrial)

- Nadir and Oblique Camera Systems
- Laser Scanning - from DTM Generation to Bathymetry
- Hyperspectral Sensors
- Synthetic Aperture Radar

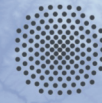
Methods and Applications

- Autonomous Driving and Vehicle-based Mobile Mapping
- Precision Farming
- Forestry
- Convolutional Neural Networks for Image Analysis
- Building Information Modelling (BIM)

Tutorial

In addition, a tutorial on “**Remote Sensing – From Basics to Advanced Methods**” will be held by the Institute for Photogrammetry (ifp) on Sunday afternoon, September 10, 2017. The fundamentals of optical and radar image sensors (SAR) are highlighted and we will emphasize on SAR interferometry and modern methods for land cover classification.

General Information



University of Stuttgart
Germany

Site of the seminar

Lectures and discussions will be held in the basement auditorium of building K2 of the University of Stuttgart, Keplerstrasse 17. Rooms for demonstrations are available in buildings K1 and K2.

Duration of the seminar

Beginning: Monday, September 11, 2017
End: Friday, September 15, 2017

Lectures and discussions

As in the past, the lectures and discussions will be held in the morning. The conference language will be English.

Demonstrations of instruments and systems

Demonstrations are scheduled for the afternoons. Working groups will be formed in accordance with the particular interests of each participant and the language spoken.

Fringe programme

A fringe programme will give all participants the opportunity for personal contacts and individual discussions.

Accommodation

Accommodation can directly be booked at Stuttgart Marketing GmbH by either
Fax +49 711 22 28 251
email: hotels@stuttgart-tourist.de

Registration and fees

Registration for the 56th Photogrammetric Week should be addressed to:

Institute for Photogrammetry (ifp)
University of Stuttgart
Geschwister-Scholl-Str. 24(D)
D-70174 Stuttgart
Phone: +49 711 685 83201, Fax: +49 711 685 83297
email: martina.kroma@ifp.uni-stuttgart.de
www: <http://www.ifp.uni-stuttgart.de>

The participation fee is 500,00 Euro for registration and payment by **June 30, 2017** and 550,00 Euro after that date. For daily admission it is 250,00 Euro.

For Master and Bachelor students below 27 the participation fee is 250,00 Euro. ID will be checked upon registration.

For participation in the tutorial there is a charge of 150,00 Euro.



Invitation

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Week

www.ifp.uni-stuttgart.de/phowo