



Universität Stuttgart



Invitation

Excellence in
Photogrammetry,
Computer Science
and
Geoinformatics

55th Photogrammetric
Week

www.ifp.uni-stuttgart.de/phowo

Invitation

Excellence in Photogrammetry, Computer Science and Geoinformatics

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

55th Photogrammetric Week in Stuttgart from Monday, September 7 to Friday, September 11, 2015.

This regular event was initiated by Carl Pulfrich as a "vacation course in photogrammetry" in 1909; since 1973 it has been held at the University of Stuttgart. Today, the Photogrammetric Week enjoys international recognition as an upgrading seminar and a platform for the exchange of experience.

Since 1992 this event has continuously been further developed and driven to excellence under the auspices of **Professor Dieter Fritsch**. As he will retire by the end of September 2015 this will be his „Farewell PhoWo“.

The lectures by experts from Germany and abroad will be focused on the following topics:

- **Remotely Sensed Data Acquisition – An Update**
- **Advanced Modelling in Photogrammetry, Computer Vision and Computer Graphics**
- **Excellence in 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.

In addition, a tutorial on **“Excellence in Photogrammetry – From UAV Data Collection and Data Processing to Advanced 3D Modelling”** will be held by the Institute for Photogrammetry (ifp) on Sunday, September 6, 2015.

We look forward to meeting you in Stuttgart.



Prof. Dr.-Ing. Dieter Fritsch
Institute for Photogrammetry
University of Stuttgart

Topics of the Lecture Programme

Remotely Sensed Data Acquisition – An Update

- Nadir and Oblique Camera Systems, LiDAR
- Progress in Spaceborne Remote Sensing
- Unconventional Airborne Mapping (RPAS, Gyrocopters)
- Mobile Mapping (Camera-based, LiDAR-based, Integrated Systems)
- Volunteered and Low-cost Image Data Collections

Advanced Modelling in Photogrammetry, Computer Vision and Computer Graphics

- Filtering, Classification and Integration of Point Clouds
- Semantic Modelling and Information Extraction
- From Point Clouds to Tangible 3D Objects
- 3D Modelling in Computer Graphics
- Intangible Modelling - Virtual Life in 3D Environments

Excellence in Geoinformatics

- Web-based GIS – An Update
- Towards Hybrid Geo-Information Systems
- Standards in Geometry and Semantics, Ontologies
- Volunteered Geographic Data Collections and Conflations
- The Future of Geoinformatics

General Information

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 7, 2015

End: Friday, September 11, 2015

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 55th 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, 2015** and 550,00 Euro after that date. For daily admission it is 250,00 Euro.

For participation in the tutorial there is a charge of 250,00 Euro.