Invitation

Topics of the Lecture Programme

Advancement in Photogrammetry, Remote Sensing and Geoinformatics

The Institute for Photogrammetry of the University of Stuttgart and the OpenPhoWo partners would like to inform about the

**58th Photogrammetric Week (PhoWo) in Stuttgart
from Tuesday, September 13 to Friday, September 16, 2022.**

The event was originally supposed to take place in autumn 2021, but had to be postponed due to the corona pandemic. Although corona has not yet been completely overcome, we are optimistic that we will be able to hold PhoWo as a face-to-face event again this time. The biennial 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. 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.

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 programme 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, February 2022

Uwe Sörgel

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
- Laserscanning
- Synthetic Aperture Radar

Methods and Applications

- Autonomous Driving and vehicle based mobile mapping
- Precision Farming
- Deep Learning
- Crowd Sourcing
- Building Information Modelling (BIM)

General Information

Site of the seminar
Lectures and discussions will be held in the "Haus der Wirtschaft", Willi-Bleicher-Str. 19, 70174 Stuttgart.

Duration of the seminar
Beginning: Tuesday, September 13, 2022
End: Friday, September 16, 2022

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 (English or German).

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
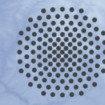**online** via our homepage
or
email: hotels@stuttgart-tourist.de

Registration and fees
Registration for the 58th Photogrammetric Week should be made by **online registration** (will be opened mid-March).

The participation fee is 500.00 Euro for registration and payment by **June 30, 2022** and 550.00 Euro after that date. For daily admission it is 250.00 Euro.

For Master and Bachelor students, under 27 the participation fee is 250.00 Euro. ID will be checked upon registration.

University of Stuttgart
Germany

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phowo.ifp.uni-stuttgart.de