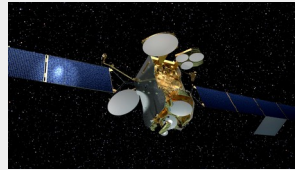


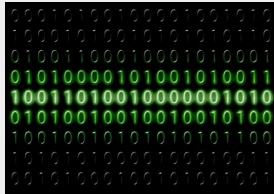
SGPF

Schweizerische Gesellschaft für  
Photogrammetrie und Fernerkundung

# Herzlich Willkommen, Bienvenue, Welcome



# GeoVision



The 1st SGPF-SSPT online conference session  
Thursday, 5th November 2020



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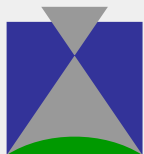
## **GeoVision**

Online conference series

Evening sessions

- On a future-related topic (photogrammetry, remote sensing, ...)
- 3-5 short presentations
- from research to application

Break out sessions for discussions and networking



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## Motivation

### Increasing Importance of Photogrammetry and Remote Sensing

**Low cost sensors**



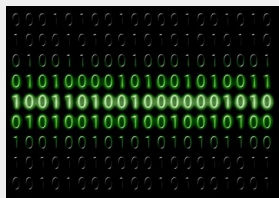
**Drones**

**Autonomous Driving**



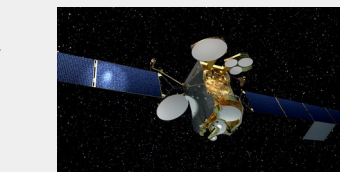
**Cameras in Geodetic Sensors**

**Increasing Computing Power**



**Machine Learning**

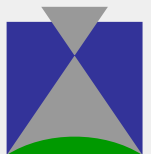
**Augmented Reality**



**Satellite Imagery**



**Robot Applications**

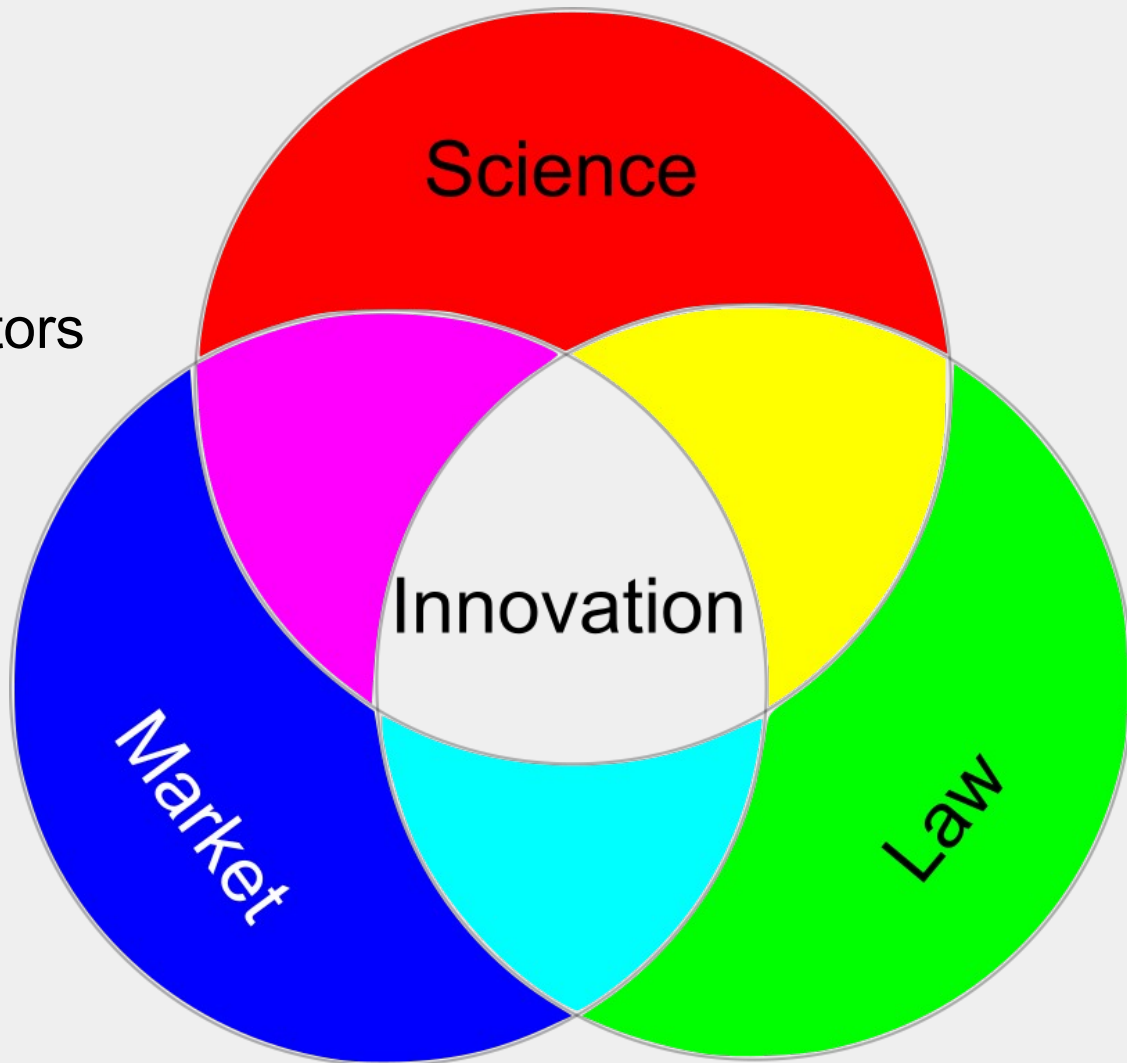


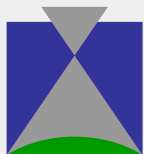
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## Motivation

Exchange between different actors





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## Session #1: Data acquisition with UAVs and drone regulations

- Welcome & Introduction
- Emanuel Cledat, EPFL  
**Camera calibration models and methods in corridor mapping with UAVs [EN]**
- Nicolas Ackermann, SBB  
**Trains & Drones – SBB is taking to the air [EN]**
- Fabian Huber, KOPA  
**KOPA Roof Surface Measurement R.S.M.: Webbasierte photogrammetrische Auswertung von Drohnenaufnahmen für Fachbetriebe im Dach-Bereich [DE]**
- Gebhard Merk, IGS & SVZD  
**Neue Drohnenregulierung 2021 [DE]**
- Closing
- Break-out sessions