

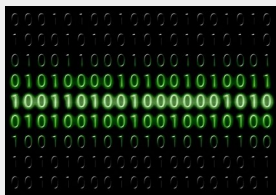
SGPF

Schweizerische Gesellschaft für
Photogrammetrie und Fernerkundung

Herzlich Willkommen, Bienvenue, Welcome



GeoVision



The 2nd SGPF-SSPT online conference session
Thursday, 25th March 2021



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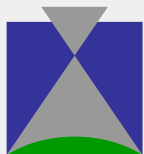
GeoVision

Online conference series

- on a future-related topic (photogrammetry, remote sensing, ...)
- from research to application

Evening events

- 3-5 short presentations
- networking zone for questions, discussions and informal meetings



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Motivation

Increasing Importance of Photogrammetry and Remote Sensing

Low cost sensors



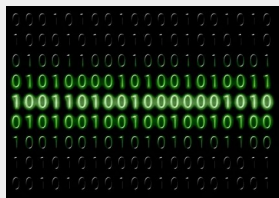
Drones

Autonomous Driving



Cameras in Geodetic Sensors

Increasing Computing Power



Machine Learning

Augmented Reality



Satellite Imagery



Robot Applications

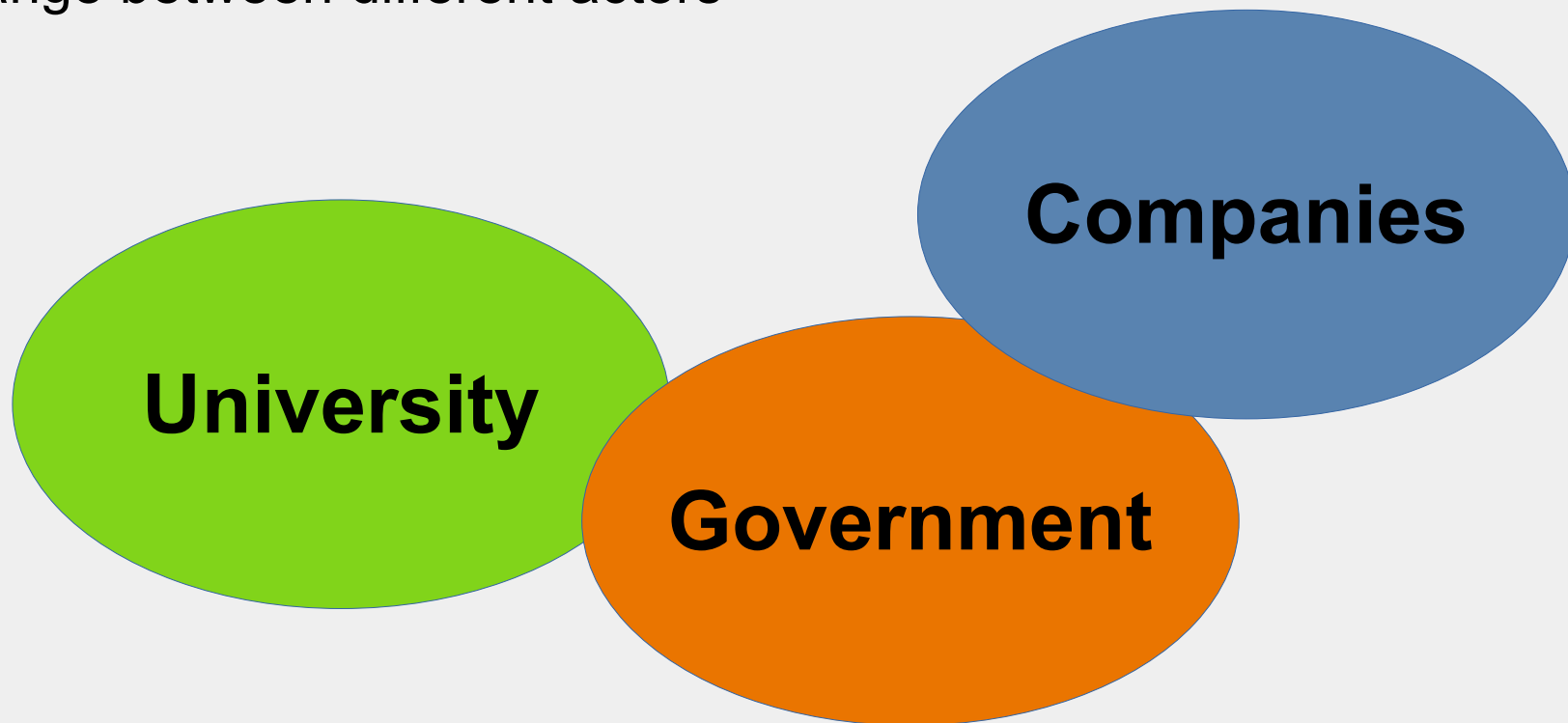


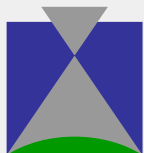
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Motivation

Exchange between different actors





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Session #2: Machine Learning meets Geospatial Data

- Welcome & Introduction
- Frank de Morsier, Picterra
Machine learning to advance the extraction of geospatial information and near-real time alerts from Earth observation imagery [EN]
- Jan D. Wegner, ETHZ EcoVision
Machine learning for forest structure assessments [EN]
- Claudio Facchinetti, Federal Statistical Office
ADELE: Overview of a deep learning application of land use and land cover change detection and classification in Switzerland [EN]
- Sylvain Robert, SwissRe
Bayesian optimization for improved landslide risk mapping [EN]
- Introduction Innosuisse Innovation Booster & Closing
- Networking & Discussions @ SpatialChat