**Laserscanning – Modeling and Interpretation**

1. Aerial Laserscanning
2. Scanning, scan geometries, low-, intermediate- and high level tasks
3. Rotations
4. Estimation of transformations Here: Similarity transform
5. Segmentation I
6. Segmentation II
7. Segmentation III
8. Classification: Introduction, Information Gain, Decision Trees
9. Classification II Random Forests, Features for LiDAR data
10. Simulation and Markov chain Monte Carlo I
11. Simulation and Markov chain Monte Carlo II
12. Simulation and Markov Chain Monte Carlo III
13. Deep Learning I
14. Deep Learning II