ifp Excursion

DLR Earth Observation Center in Oberpfaffenhofen

28 October, 2016

Organized by ifp for GEOENGINE Master Students (3rd semester)
The excursion was organized by the Institute for Photogrammetry, aiming to provide GEOENGINE MSc. students with the opportunity to take a closer look into the Remote Sensing field. DLR is the national center for aerospace, energy, and transportation research of the Federal Republic of Germany. Within DLR, the Earth Observation Center is Germany’s leading research and development organization in the field of earth observation, responsible for many of the RS satellite missions and the handling of the data, for example, for natural hazards, emergency mapping, and crisis management. In the excursion, we saw the GSOC, which is the control room where the European satellite missions are supervised. We also had a look into the Crisis center. The researchers also gave us some presentations on how satellites or aerial vehicles work to produce various kinds of data and how we use them on certain issues.

Many thanks to the Institute for Photogrammetry and Dr.-Ing. Cramer for arranging this wonderful excursion for us!
Figure 2. the students and the speakers discussing

Figure 3. introduction about satellites
Figure 4. Introduction about satellites

Figure 5. Taking a look at GSOC
Figure 6., illustrating when emergency happens, how the team works to give order to the satellites

Figure 7., introduction to the main tasks of the Center for Satellite Based Crisis Information (ZKI)