



13th IWGGMS
June 6 - 8, 2017
Helsinki, Finland

Photo Samuli Siltanen

International Workshop on Greenhouse Gas Measurements from Space



13th IWGGMS

- **Hosted by Finnish Meteorological Institute and supported by international scientific organizing committee**
- **Location: University of Helsinki in the city center**
- **Time: June 6 - 8, 2017**
- **First circular and web site open in mid October: iwggms13.fmi.fi**
- **Abstract dead line March 20th (TBC).**



University of Helsinki main building



Lecture room at the university



Themes

The goal of the workshop is to review the state of the art in remote sensing of CO₂, CH₄, and other greenhouse gases from space, including:

- Results from the Greenhouse gases Observing SATellite (GOSAT) and Orbiting Carbon Observatory-2 (OCO-2) missions and instruments, including SCIAMACHY, AIRS, MOPITT, TES, CrIS, and IASI
- Pre-flight and on-orbit instrument calibration techniques
- Greenhouse gas retrieval algorithms
- Related information extraction such as solar induced chlorophyll fluorescence (SIF)
- Validation methods, instrumentation, and results
- Related ground-based, ship-borne, and air-borne measurements
- Flux inversion from space based greenhouse gas measurements
- Status of future greenhouse gas monitoring missions including TanSat, GOSAT-2, OCO-3, MERLIN, Sentinel-5p, Sentinel-5, MicroCarb, ASCENDS etc.

Helsinki

Summer-city with plenty of light



Welcome to Helsinki in June 2017!