

# **AU-SAT Workshop Programme**

(30 November 2015)

**9.00 - 9.30** coffee + registration

**9.30 - 9.50** Welcome and introduction to AU-SAT— Hans Kjeldsen

**9.50 - 10.20** Astronomy Satellites - Overview over past, present and future missions  
Victoria Antoci

**10.20 -10.50** Payload boundary conditions - GomSpace

**10.50 -11.00** coffee

**11.00 -11.30** Lessons learned from MOST and BRITE with respect to payload - Rainer  
Kuschnig

**11.30 -12.30** (20 min. + 5-10 min discussion)

**# Benjamin Lyng Jørgensen**

Radiation levels in relevant orbits

**# Martijin Heck**

Photonic Integrated Circuits for Space Applications

**12.25-13.10** Lunch (free for registered participants)

**13.10-14.30** (20 min. + 5-10 min discussion)

**# Christoffer Karoff**

Understanding solar influence on the climate with AU-SAT

**# Karsten Brogaard**

Calibrations of stellar evolution models using eclipsing binaries

**# Tim White**

Setting the Stellar Temperature Scale with AU-SAT

**14.30-14.45** coffee

**14.45-16.10** (20 min. + 5-10 min discussion)

**# Carolina Von Essen**

Study of exoplanet atmospheres with AU-SAT

**# Brandon Tingley**

A low resolution spectrograph for multi-color photometric studies of exoplanets

**# Victoria Antoci**

Time-series multi-wavelengths stellar astrophysics with AU-SAT

**16.10-16.30** Closing remarks and discussion - Hans Kjeldsen