

# MIST – the Miniature Student satellite

Is a project within the KTH Space Center in which students work on the system design and implementation of a small satellite – a Cubesat ( $0.1 \times 0.1 \times 0.3$  meter,  $\leq 4$  kg). Started in 2015. Launch into space is a few years away.



10-15 students participate each semester and earn ECTS or write their B.Sc. or M.Sc theses.

MIST will have six scientific and technical experiments on board.

Students work in sub-teams with separate supervisors and concentrate on area such as on-board software, attitude control, thermal analysis & test, mechanical integration & test, flight simulations, ground station.



**Upper left:** Students and supervisors at end-of-semester meeting on 14 December 2018.

**Lower right:** Agnes & Borbala and the 3D-printed MIST mock-up

