

All presentations will be by Zoom. <https://ltu-se.zoom.us/j/63764877551>  
You will be able to enter the room as soon as the examiner has open it up for the participants.

**Wednesday February 21 at 10.00**

Student: Federico Gatti

Title: Ensuring safe docking maneuvers on floating platform using Nonlinear Model Predictive Control (NMPC)

DLR, Germany

Examiner: Soheil Sadeghi

Discipline: Spacecraft Design Master

**Thursday February 22 at 09.00**

Student: Lisa Svensson

Title: Conjugate Heat Transfer Analysis of HPGP Thruster

ECAPS AB, Sweden

Examiner: Robin Andersson

Discipline: Space Engineering

**Thursday February 22 at 11.00**

Student: Simone Guietti

Title: Preliminary Design and Conceptual Analysis of an Electrically Actuated Pintle Injector

ArianeGroup, Germany

Examiner: Rene Laufer

Discipline: Spacecraft Design, Master

**Thursday February 22 at 12.00**

Student: Sebastian Mehmed

Title: Insights into Carbonaceous Chondrites: A Mass Spectrometry Study on Bulk, Soluble, and Insoluble Organic Matter

Université Paul Sabatier Toulouse III, France

Examiner: Rene Laufer

Discipline: Space Engineering