

We are looking for students interested in participating in our MIST-related Capstone projects.

Two of the projects are related to the KTH MIST-Satellite, which is developed by KTH students in cooperation with supervisors associated with the KTH Space Center, where we develop the SEUD (Single-Event Upset Detector) experiment onboard. For the SEUD project we are looking for three students.

New for this year is that we also are looking for two students to work on the satellite's OBC (On-Board Computer). This year's project will centre around integration. The SEUD students will put all everything together and make it talk to the OBC. The two OBC students will make the OBC talk to the experiments and use the SEUD and the experiment "SiC in space", developed by EKT, as test systems when the software is developed.

SEUD - three hardware/FPGA students from Embedded Platforms or Embedded Electronics.
OBC - two software students from Embedded Software primarily, but Platform students with an inclination towards software is also ok.

The SEUD-team is lead and supervised by Dr. Johnny Öberg and PhD-student Kalle Ngo, the OBC-team by Dr. David Broman and one of his PhD-students.

Interested students should send me an email informing me of their interest, and why they want to participate. We will have an information meeting, preliminarily on **Monday 19/3, 15-17 (room still to be confirmed)**. I will mail out the final time and place to interested students as soon as possible.

Participation in the [hardware projects](#) require that you have passed the courses IL2217 Digital Design using HDLs and IL2206 Embedded Systems (or equivalent). For the software projects, IL2206 (or equivalent) is sufficient.

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