



Flying Laptop Overflies Stuttgart

Celebratory colloquium on the successful launch and operation of the University of Stuttgart's small satellite

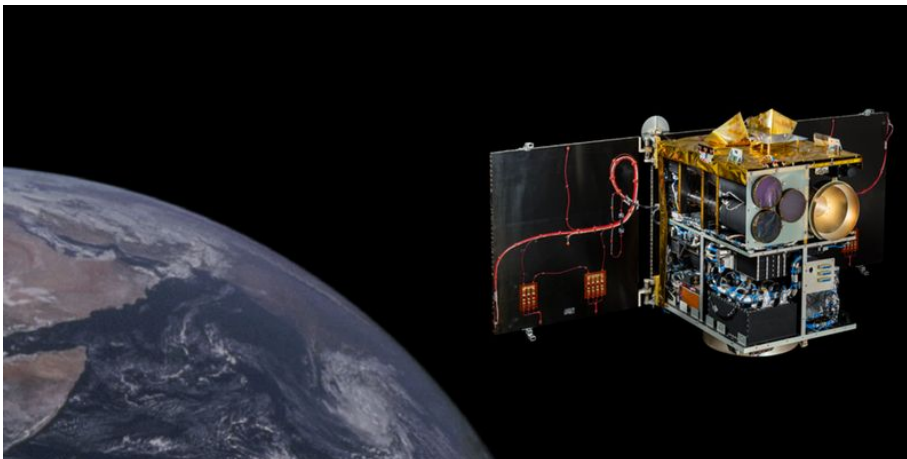
On 14 July 2017, the University of Stuttgart's first small satellite was launched from Baikonur in Kazakhstan. Since then, it has been successfully operated from the control center of the Institute of Space Systems (IRS) at the University of Stuttgart.

The Flying Laptop was developed, built and qualified at the University of Stuttgart mainly by doctoral students and students. In addition to federal and state funding, there was plenty of support for the project from industry and research institutions. The tasks of the Flying Laptop in orbit, in addition to multi-spectral earth observation, include the detection of Near Earth Objects, as well as contributing to the identification of shipping traffic by receiving ship signals. The satellite will also test a large number of new technologies under space conditions. These include a new on-board computer system, an innovative unfolding mechanism for the solar panels as well as the FPGA-based payload computer, which gave the Flying Laptop its name.

University Communications

Head of University
Communications and Press
Spokesperson
Dr. Hans-Herwig Geyer

Contact
T 0711 685-82555
hkom@uni-stuttgart.de
www.uni-stuttgart.de



A representation of the Flying Laptop small satellite without cover in space to demonstrate the inner elements. In reality, the satellite is covered. Photo: Jonas Keim, IRS, University of Stuttgart. Representation including earth created using canva.com



Representatives of the media are heartily invited to the overflight of the small satellite over Stuttgart:

Flying Laptop Colloquium: An overflight over Stuttgart

Wednesday, 9 August 2017, 10:00 - 12:30

**Institute of Space Systems (IRS), Campus Vaihingen, Pfaffenwaldring
29, 70569 Stuttgart**

Registration: hkom@uni-stuttgart.de or Fax 0711/685-82188