

Agenda:

Welcome!

- KTH Space Center - Space electronics and radiation. Christer Fuglesang, Astronaut
- Frontgrade Gaisler - Rad hard processors, LEON and RISC-V - Jan Andersson, Director of Engineering
- The impact of gamma irradiation on 4H-SiC bipolar transistors and inverters - Alexey Metreveli, KTH
- Advancing Dependability in SRAM-FPGA - Trishna Rajkumar, KTH
- Radiation-Hard NEM Relays: Enabling High-Temperature-Tolerant Digital Computing Solutions. Yingying Li, KTH

Coffee/mingle break, space competition – with prize! Space cake sponsored by Smartare Elektroniksystem. Space exhibition

- Saab - Next generation AIS (VDES) with focus on the space LEO subsystem. Peter Bergljung, Head of Strategy
- LOW NOISE FACTORY AB - Low Noise LNA for Space. Niklas Wadefalk, Founder
- MATS satellite: using CCD for atmospheric imaging from orbit. Nikolay Ivchenko, KTH
- Swedish Institute of Space Physics, IRF Uppsala, Radiation Analysis - Achievements and Obstacles JUICE RPWI Instrument. Jesper Fredriksson, Research Engineer

- The winners of KTH Space Center's prize for the best final degree project Q&A:

Basic level: Maheen Arfan & Isabelle Bonnier. "Electric propulsion of satellites as an alternative for implementation of a sunshade system".

Advanced level: Tove Ågren. "Inverse Uncertainty Quantification for Sounding Rocket Dispersion"

17:00 - after event networking Space PUB in collaboration with Qmisk - the Student Chapter, Klubbmästeriet IN-Sektionen Kista.

Event organizer: Marco Giertz, CEO, Visit Kista AB

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