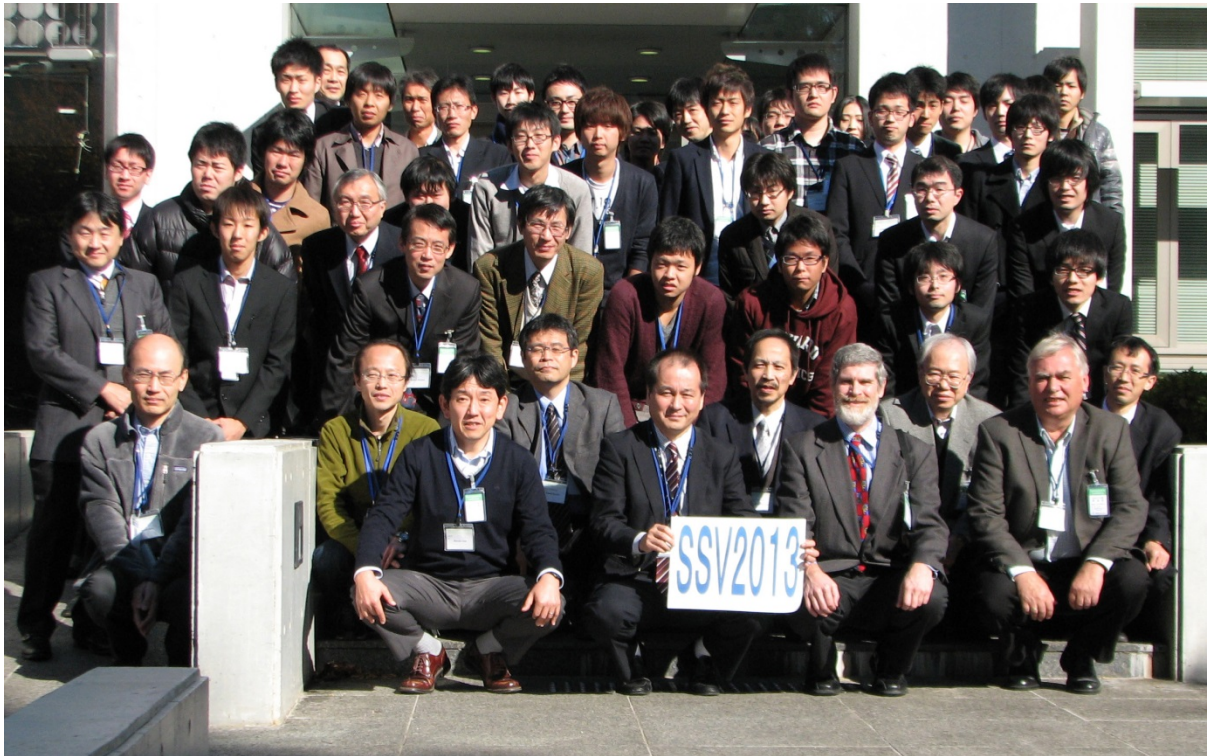


SSV Workshop held in Tsukuba, JAPAN, November 2013 – next SSV in Nagoya, Japan in March 2014

February 25, 2014 (HE85). The Superconducting SFQ VLSI Workshop (SSV 2013) was held in Tsukuba, Japan, from 21 - 22 November 2013. The workshop was aimed at discussing key aspects of SFQ VLSI technologies. Invited speakers (Prof Coenrad Fourie - Stellenbosch University, Dr Scott Holmes - Booz Allen Hamilton, Dr Masataka Ohkubo – AIST, Prof Horst Rogalla – University of Colorado and Prof Naofumi Takagi – Kyoto University) complemented the line-up of Japanese researchers and students that presented recent progress in SFQ VLSI at the workshop. The group photo of participants is shown below.



Some of the topics covered during the workshop are:

- Large scale superconducting computing
- Layout verification
- Microprocessors
- Zero static power SFQ
- Small size trilayer Josephson junctions
- SFQ readout of SNSPDs
- Analogue to digital converters
- SFQ voltage waveform generators
- Johnson noise thermometry

More information can be found on the workshop website:

<http://mogami.ee.uec.ac.jp/SSV2013/index.html>

The next SSV workshop is held in Nagoya, Japan, from 5 – 7 March 2014. Invited speakers are Prof Michael Siegel (Karlsruhe Institute of Technology), Dr Thomas Ortlepp (CiS Reserch Institute), Dr Ali Bozby (TOBB ETÜ) and Dr Igor Vernik (Hypres).