



Contribution ID: 32

Type: **oral mini talk**

VHDL programming and software for LLRF control system SIMCON and results from tests

Tuesday, 11 October 2005 14:14 (7 minutes)

The talk presents firmware and software for new LLRF control system called SIMCON (SIMulator and CONTroller). The system is based on FPGA technology and the firmware is written in VHDL. The simulator of superconductive cavity and the controller of 1 and 8-cavity accelerating module was made in FPGA. The firmware and software was tested in CHECHIA and in ACC1 module in TTF2 in DESY with pretty results.

Primary author: Mr KOPREK, waldemar (Warsaw University of Technology, DESY)

Presenter: Mr KOPREK, waldemar (Warsaw University of Technology, DESY)

Session Classification: Working Group 3