## RADSAGA Final Conference and Industrial Event & RADNEXT Public Kick-Off

Contribution ID: 26 Type: not specified

## **SRAM based Radiation Monitor system**

Monday 17 May 2021 12:35 (25 minutes)

A flexible SRAM based SEU radiation monitor has been designed, simulated and tested. Its SEU sensitivity can be tuned by varying the cells supply voltage. The data collected from heavy ions, high-energy protons, neutrons and low-energy protons shows that changing the core voltage of the chip can significantly affect the SEU sensitivity.

Presenter: WANG, Jialei (KU Leuven - RADSAGA ESR5)

Session Classification: RADSAGA WP1 - Environment, Facilities & Monitoring