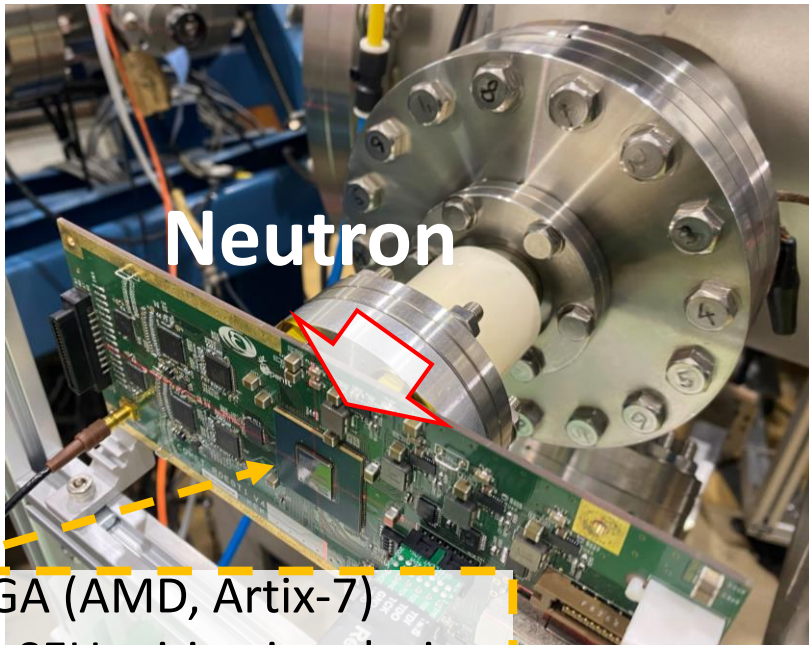


Hybrid Scrubber of SEM and Picoblaze for FPGA on COMET Read-out Electronics

#104

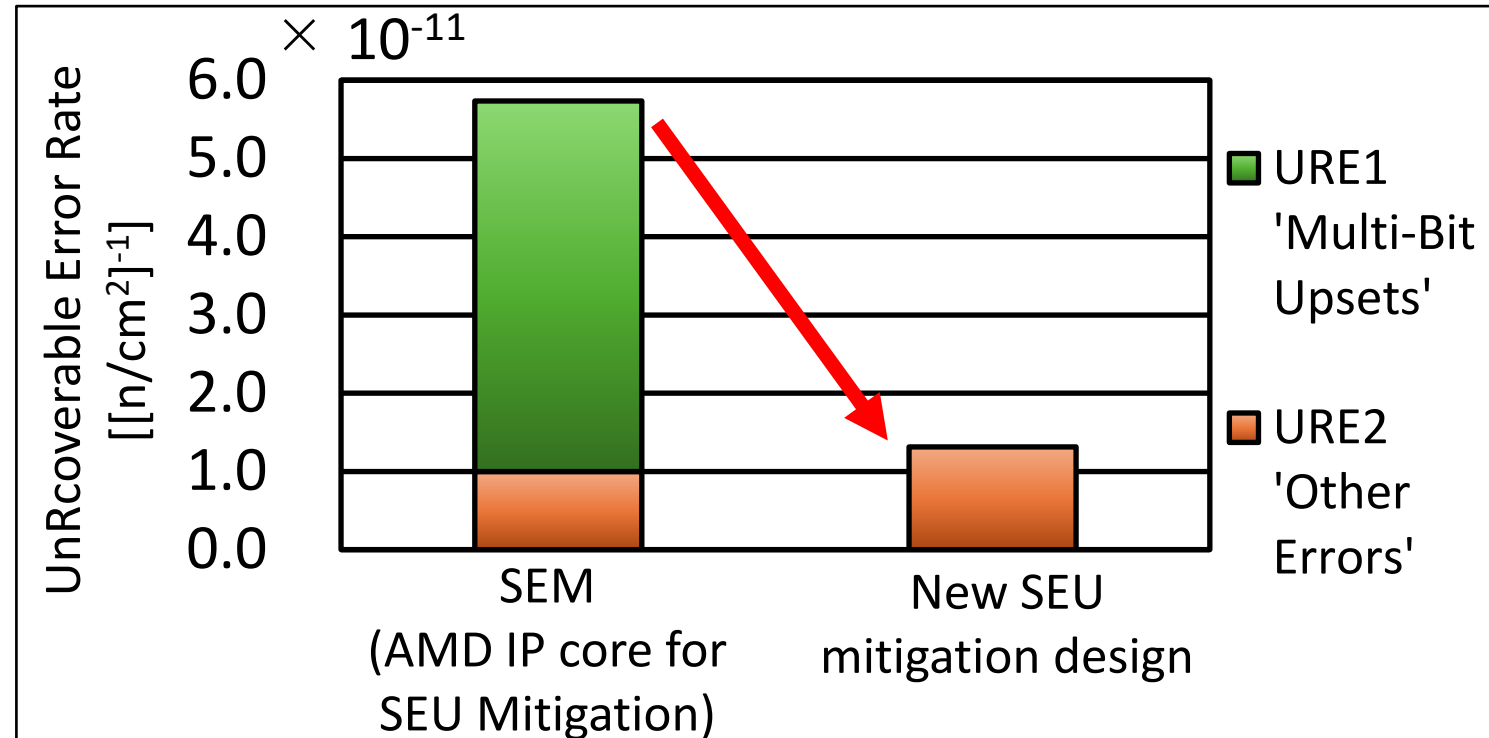
The dead time decreased by 80%!



FPGA (AMD, Artix-7)

The new SEU mitigation design is implemented in the FPGA.

Setup of Neutron Irradiation Test



Results

Hybrid Scrubber of SEM and Picoblaze #104 for FPGA on COMET Read-out Electronics

Hybrid scrubber of the SEM and the Picoblaze
can correct not only single-bit upset but also multi-bit upsets!

