

18th International School on the Effects of Radiation on Embedded Systems for Space Applications (SERESSA)

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The RADNEXT irradiation facility network

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RADNEXT is an EU financed 4-year project that gathers more than 30 partners involved in radiation effects on electronics research, including ~20 irradiation infrastructure capable of delivering ion, proton, neutron and other more exotic beams. RADNEXT aims at building and maintaining a European network of irradiation facilities while easing access to facilities to users from research and industry. This holistic approach includes many joint research activities including the harmonization of dosimetry techniques across facilities, the development of simulations tools for beamlines and radiation effects in devices, the reliance of alternative beams, such as X-rays as opposed to γ -rays for TID testing, and testing techniques, such as system-level testing.

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