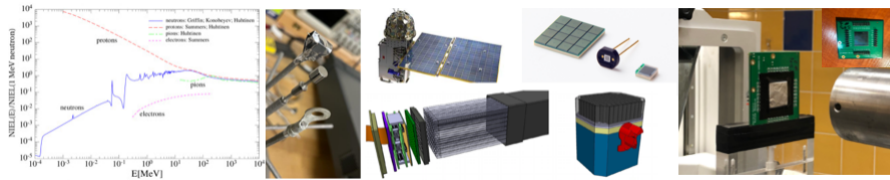


SiPM Radiation: Quantifying Light for Nuclear, Space and Medical Instruments under Harsh Radiation Conditions



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Atmospheric-like neutrons at the ChipIr beamline

Monday, 25 April 2022 14:15 (25 minutes)

ChipIr is a beamline dedicated to the irradiation of microelectronics with atmospheric-like neutrons; it has been built on the second target station of the ISIS spallation source at the Rutherford Appleton Laboratory, UK. The beamline is specifically dedicated to the study of single event effects and its design is therefore optimized to extract a neutron spectrum as similar as possible to the atmospheric one with intensity increased by a factor up to 10^9 depending on configuration.

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