## Forecasting of the Radiation and Geomagnetic Storms Using Aragats Research Stations Facilities

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Two Neutron Monitors (NM), a muon telescope (MT) and a Solar Neutron Telescope (SNT) operating on Aragats research stations will provide accurate detection of very low fluxes of the most energetic solar particles and modulation effects of Solar events. Simultaneous operation of these facilities provide unique opportunity to determine preliminary model of a Solar Energetic Phenomena (SEP) event(the energy spectra and space-time distribution).

The correlation of the SEP with intensity of the Galactic Cosmic Ray (GCR) flux and direct detection of the high-energy protons and neutrons emitted during SEP provide firm ground for specification and forecasting of the effects of tremendous explosions on the Solar surface.

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