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HASPIDE-SPACE for solar, magnetar and gamma-ray burst monitoring

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Space Weather investigations mainly focus on the Sun's activity and solar-terrestrial relationships. However, ionospheric perturbations are also observed during periods of absent solar activity. Galactic magnetar flaring and gamma-ray bursts are observed to be at the origin of these ionospheric disturbances. We discuss the possible applications for high-energy astrophysics of a hydrogenated amorphous silicon detector designed for solar activity monitoring within the INFN HASPIDE project.

Eligibility for "Best presentation for young researcher" prize

No

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