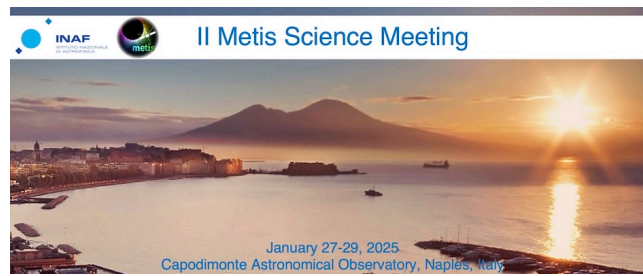Contribution ID: **30**   Type: **not specified**

Machine learning and inverse problems in heliophysics

This talk will illustrate some data- and model-driven computational approaches for data interpretation in heliophysics. Applications will involve flare forecasting using vector magnetograms, space weather prediction using both remote sensing and in-situ data, models for particle acceleration using hard X-ray observations, and desaturation of EUV maps

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