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AI-based approaches to data integration for Solar Orbiter instruments

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At a general level, the goal of this talk is to outline possible computational approaches for the integration of data recorded by different Solar Orbiter instruments and for a multi-modal extraction information contained in these measurements. At a more technical level, this contribution will propose a possible AI-based pipeline for the identification of correlations between the signatures of solar flares encoded in STIX visibilities and the signatures of CMEs encoded in METIS images.

Primary author: PIANA, Michele (MIDA, dipartimento di matematica, università di genova)

Presenter: PIANA, Michele (MIDA, dipartimento di matematica, università di genova)

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