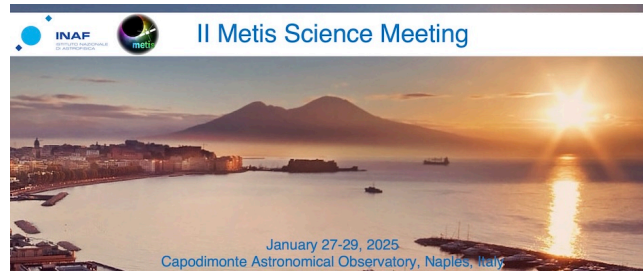


2nd Metis Science Meeting



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Helium emission in eruptive prominences

Observations of eruptive prominences by VL channel of Metis and by D3 channel of ASPIICS provide the HeI D3 line intensity. Moreover, EUI/FSI provides the intensity of HeII 30.4 nm. Understanding the formation of these lines under the conditions of eruptive prominences represents a key task for deducing the plasma parameters and magnetic field topology. We will present a new multilevel non-LTE radiative-transfer code capable of synthesising the line intensities emergent from highly dynamical eruptive prominences. A preliminary comparison with observations will be shown.

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