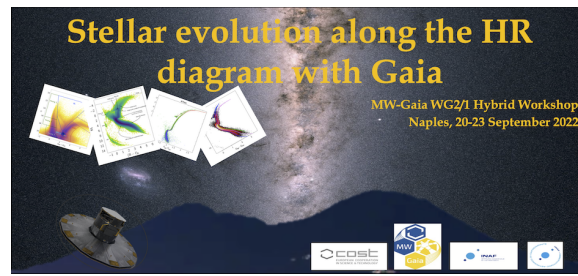


Stellar evolution along the HR diagram with Gaia



Contribution ID: 54

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Constraints on AGB stellar models from GAIA (Invited)

Wednesday, 21 September 2022 11:10 (30 minutes)

In this review I will present some Gaia highlights concerning AGB stars. Gaia parallaxes of the most evolved AGB stars suffer from surface brightness and color variations. Binarity diagnostics are also less precise due to such jitter. Despite these difficulties, Gaia data are able to bring strong constraints on stellar evolution by allowing to clearly constrain the luminosities of several classes of key AGB objects.

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Session Classification: Stellar evolution and pulsation models