

Vito Sguera: Forecasts on the potential of the transient Galactic TeV sky during the CTA “diluvian” era: prepare for the flood

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The Cherenkov Telescope Array (CTA) has the potential to transform our understanding of the high-energy sky. In particular, a true revolution could occur in the field of Galactic TeV transients. The CTA promises to perform exceptionally well as a Galactic transient detection factory since it will offer an order of magnitude improvement in the TeV domain in terms of sensitivity and survey speed compared to existing facilities. I will firstly highlight the considerable potential of the Galactic TeV transient sky. Then I will present a possible specific contribution of the OAS institute to this field of study during the CTA era.

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