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Type: **Talk**

Tommaso Treu (UCLA): Probing dark matter with strong gravitational lensing

Wednesday 21 February 2018 09:30 (30 minutes)

Strong gravitational lensing is a powerful and unique probe of the nature of dark matter. Relying only on dark matter's gravitational interaction, strong lensing can test dark matter models that range from primordial black holes to warm, cold, and self-interacting. After a brief introduction to strong lensing as a probe of dark matter I will review some of the most exciting recent results and discuss future prospects.

Presenter: Prof. TREU, Tommaso (UCLA)

Session Classification: Session 1