



Hic Sunt Leones: Charting Dark Matter Frontiers.

Special time!

Tuesday, 21 January, 2020, DESY Auditorium, 16:00 h

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Dark matter constitutes one of the most pressing open issues in our understanding of nature. Its exploration has so far mostly focused on new particles lighter than a TeV or so, as I will overview in the first part of this colloquium. I will then switch to heavier dark matter, a new frontier which is attracting increasing interest in the community. I will highlight the key concepts behind the models that host these candidates, as well as the more promising searches for them, from high-energy cosmic-ray data at operating (e.g. H.E.S.S.II) and planned (e.g. CTA, KM3NeT) telescopes, to gravitational waves at LISA.

- Coffee, tea and cookies will be served at **15:30h**
- After the colloquium there is a chance for private discussions with the speaker over drinks and pretzels

Dark Matter Map

