

Workshop on New Trends in Dark Matter (Dec. 7 - 9, 2020) @ ICTP-SAIFR Schedule
Please notice that times are shown in local time in São Paulo, Brazil (GMT-3)

Session will take place on Zoom (see link on webpage) and will be recorded. By connecting you are automatically giving your permission, unless you veto it explicitly by sending an email to: nicolas.bernal@uan.edu.co

Dec. 7, Monday

- 10:00 Opening
- 10:10 Hyun Min Lee "Exothermic self-interacting dark matter"
- 10:40 Xiaoyong Chu "Parametrizing dark matter self-interactions"
- 11:10 Camilo Garcia-Cely "Inelastic Dark Matter and a Dark Higgs"
- 11:40 Virtual Coffee
- 11:55 Tien-Tien Yu "Updates on sub-GeV Direct Detection"
- 12:25 Hai-bo Yu "Self-Interacting Dark Matter"
- 12:55 Roberto Lineros "WIMP Dark Matter in a Type-II Scotogenic model"
- 13:25 DISCUSSION

Dec. 8, Tuesday

- 10:00 Nicolás Fernández "Freeze-in versus Glaciation: freezing into a thermalized hidden sector"
- 10:30 James Unwin "A Black Hole at the Edge of our Solar System?"
- 11:00 Gopolang Mohlabeng "Prospects for Ultra-Heavy Dark Matter Phenomenology"
- 11:30 Virtual Coffee
- 11:45 Laura López-Honorez "Feebly coupled Dark Matter as Non-Cold Dark matter"
- 12:15 Hardi Veermäe "Gravitational Wave Probes of Primordial Black Hole Dark Matter"
- 12:45 Nicolás Bernal "Dark Matter in the Time of Primordial Black Holes"
- 13:15 Stefano Profumo "The Primordial Black Holes Variations"
- 13:45 DISCUSSION

Dec. 9, Wednesday

- 10:00 André Lessa "Narrowing down Dark Matter scenarios with the help of colliders"
- 10:30 Miguel Escudero "Dark Matter and Baryogenesis from B mesons"
- 11:00 Sergio Palomares-Ruiz "Searching for dark matter with neutrinos"
- 11:30 Virtual Coffee
- 11:45 Diego Restrepo "Anomaly-free Abelian gauge symmetries with Dirac scotogenic models"
- 12:15 Carlos Pires "Warm dark Matter in gauge theories: Implementation and constraints"
- 12:45 Tomer Volansky "Why Chase Ambulances?"
- 13:15 DISCUSSION