



# News from the Dark 6

## mardi 23 novembre 2021

**Dark and visible substructure: The Milky Way, its streams and dwarf satellites - Auditorium Marcel Vivargent (09:00 - 10:00)**

time	[id] title	presenter
09:00	[14] Stellar streams as viewed by Gaia and consequences for dark matter	IBATA, Rodrigo
09:30	[15] Status of Milky Way and dwarf spheroidals mass models, from spatial to phase-space information	BINNEY, James

**Dark and visible substructure: Phase-space distribution of dark matter - Auditorium Marcel Vivargent (10:30 - 12:00)**

time	[id] title	presenter
10:30	[16] Prediction of phase-space distribution of dark matter in galaxies: comparisons with cosmological simulations	PETAC, Mihael
11:00	[17] Dark matter in galaxies: observational insights	POSTI, Lorenzo
11:30	[18] General discussion	

**Dark and visible substructure: Dark matter subhalos - Auditorium Marcel Vivargent (14:00 - 16:00)**

time	[id] title	presenter
14:00	[19] A Monte-Carlo code for simulating subhalos signals for indirect dark matter searches: CLUMPY	DAVID, Maurin
14:30	[20] Tidal stripping of subhalos: a numerical approach	ERRANI, Raphaël
15:00	[21] Tidal stripping of subhalos: an analytical approach	ROZIER, Simon
15:30	[30] Discussion	

**Dark and visible substructure: Dark matter subhalos - Auditorium Marcel Vivargent (16:30 - 17:30)**

time	[id] title	presenter
16:30	[22] An analytical model of subhalo population: mass function and stellar encounters	FACCHINETTI, Gaétan
17:00	[23] Subhalo boost factors for indirect dark matter searches for velocity-dependent signals	STREF, Martin