



# The Low-Energy Frontier of Particle Physics

## Wednesday, 12 February 2025

### Fifth Force and Variation of Fundamental Constants - Aula Salvini (09:30 - 13:00)

-Conveners: Angelo Esposito

time	[id] title	presenter
09:30	[21] Overview of 229mTh based nuclear clock	Dr OSIPENKO, Mikhail
10:10	[22] Frequency metrology of buffer-gas-cooled molecular spectra for fundamental Physics research	MADDALONI, Pasquale
10:50	Coffee Break	
11:30	[23] Long range forces: A theory review	SOERENSEN, Philip
12:10	[24] Discussion on 5th force and variation of fundamental constants	SOERENSEN, Philip ESPOSITO, Angelo