

NEB-21

Tuesday 2 September 2025

Parallel Session A: Cosmology - Amphitheater 1 (15:00 - 16:40)

-Conveners: Charalampos Tzerefos

time	[id] title	presenter
15:00	[32] Geometric formulation and cosmological dynamics of kinetic k-essence	Mr CSILLAG, Lehel
15:20	[62] Non-linear Dynamics During Kination	GIANNADAKIS, Panagiotis
15:40	[95] Dynamics of Scalar-Field Quintom Cosmological Models	Prof. LEON, Genly
16:00	[90] Explaining Dark Matter through Primordial Black Holes (PBHs) in Horndeski Gravity	TOTOLOU, Despina
16:20	[67] Quantum Gravity Meets DESI: Dynamical Dark Energy in Light of Swampland Trans-Planckian Censorship Conjecture	Mr WANG, Junkai

Parallel Session A: Cosmology - Amphitheater 1 (17:00 - 18:00)

-Conveners: Konstantinos Dialektopoulos

time	[id] title	presenter
17:00	[48] Dynamics of Brane-world models	KLAUDATO, Ifigeneia
17:20	[86] Addressing cosmological tensions within f(Q) cosmology	PETRONIKOLOU, Maria
17:40	[64] The Common Solution Space of General Relativity	PALIATHANASIS, Andronikos

Wednesday 3 September 2025

Parallel Session A: Gravitational Waves - Amphitheater 1 (15:00 - 16:40)

-Conveners: Kyriakos Destounis

time	[id] title	presenter
15:00	[11] A multi-parameter expansion for Extreme Mass Ratio Inspirals in astrophysical environments	DATTA, Sayak
15:20	[61] Gravitational memory as a theory guiding principle	ZOSSO, Jann
15:40	[23] Exploiting the effective-one-body approach for large-mass-ratio black hole binaries	ALBERTINI, Angelica
16:20	[17] Detectability of stochastic gravitational wave background from weakly hyperbolic encounters	LOUKES-GERAKOPOULOS, Georgios

Parallel Session A: Gravitational Waves - Amphitheater 1 (17:00 - 18:00)

-Conveners: Michalis Agathos

time	[id] title	presenter
17:00	[66] Toward Testing Strong Gravity: Higher Post-Newtonian Corrections in Tidal Response	Mr KOBAYASHI, Hajime
17:20	[12] Tidal Heating: signature of black holes	DATTA, Sayak

Thursday 4 September 2025

Parallel Session A: Motion in curved spacetimes - Amphitheater 1 (15:00 - 16:00)

-Conveners: Georgios Loukes-Gerakopoulos

time	[id] title	presenter
15:00	[30] Geodesic Chaos in Stationary Spacetimes: Numerical Study of Test-Particle Motion in a Black Hole Metric Perturbed by a Rotating Thin Disc	Ms CAPUTO, Claudia
15:20	[16] Circular equatorial orbits of extended bodies with spin-induced quadrupole around a Kerr black hole	SHAHZADI, Misbah
15:40	[79] Time evolution in higher-derivative theories of gravity	HELD, Aaron