

5th Workshop on Statistical Physics / 5ta Escuela de Física Estadística

Monday 13 April 2026

Contributed talks - Ed. 564 (11:20-12:00)

time	[id] title	presenter
11:20	[63] Very persistent random walkers reveal transitions in landscape topology	KENT-DOBIAS, Jaron
11:40	[85] Fast thermal equilibration using machine learning	Dr RENGIFO, Diego

Contributed talks - Ed. 564 (16:20-17:20)

time	[id] title	presenter
16:20	[57] From motifs to Lévy flights: modeling urban mobility in Bogotá's public transport system	ALAYÓN MARTÍNEZ, Juan Felipe
16:40	[72] Thermostatistical study of the opinion formation phenomenon in the DNAW model	RUBIANO FORERO, Jefferson
17:00	[75] Exploration mechanisms intrinsic to semantic networks and the nuanced appraisal of lexical repetition occurrences	ESPINOSA OTALORA, Gustavo

Thursday 16 April 2026

Contributed talks - ML-513 (11:30-11:50)

time	[id] title	presenter
11:30	[61] Spin Glass Dynamics on Complex Hardware Topologies: A Bond-Correlated Percolation Approach	GÓMEZ RAMÍREZ, Viviana

Contributed talks - ML-513 (15:10-15:30)

time	[id] title	presenter
15:10	[76] Temporal fluctuation scaling and thermostistical study of the per capita gross domestic products of 105 countries of the world during the period 1960-2023	RIASCOS OCHOA, Alejandro

Contributed talks (16:50-17:10)

time	[id] title	presenter
16:50	[92] Feedback control and the Second Law of thermodynamics in a ratchet physical system	CALDERÓN GÓMEZ, David

Friday 17 April 2026

Contributed talks (10:50-11:50)

time	[id] title	presenter
10:50	[60] Criticality and non-reciprocity of catastrophic phase inversion in emulsions	SCAGLIARINI, Andrea
11:10	[68] Field-theoretic Formulation of Ion Correlations with Explicit Hard-Core Size in Aqueous and Non-Aqueous Electrolytes	BUYUKDAGLI, Sahin
11:30	[88] Two-Point Correlation in Dyson Gases Out-of-Equilibrium	MATEUS RUBIO, John Fredy