



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

## Monday 13 April 2026

### Invited Talks - Ed. 564 (11:00-11:20)

time	[id] title	presenter
11:00	[67] Do Lyapunov exponents measure chaos?	KURCHAN, Jorge

### Invited Talks - Ed. 564 (16:00-16:20)

time	[id] title	presenter
16:00	[59] Antifragility of stochastic transport on networks with damage	ERASO HERNANDEZ, Leidy Katherin

# Tuesday 14 April 2026

## Invited Talks - Ed. 564 (16:00-16:50)

time	[id] title	presenter
16:00	[66] Sobreviviendo la era de LLMs	RAMOS POLLÁN, Raul
16:20	[105] El amplio espectro de la IA en temas estadísticos	LEMOINE, Carlos

# Thursday 16 April 2026

## Invited Talks - ML-513 (10:30-11:30)

time	[id] title	presenter
10:30	[81] Preisach-percolation dynamics of multilevel resistive switching in phase-separated LPCMO	RAMIREZ, Juan Gabriel
10:50	[83] From ferrimagnetic to spin glass behavior and back in lamellar Mn oxides undoped and doped with Co	Prof. ROSALES RIVERA, Andrés
11:10	[95] Defect-induced ferroic states in solid solutions of layered van der Waals	Prof. GIRALDO GALLO, Paula

## Invited Talks - ML-513 (14:30-15:10)

time	[id] title	presenter
14:30	[82] The complex evolution of chess openings	Prof. HURTADO, Rafael
14:50	[65] El escalamiento temporal de la temperatura de los sistemas complejos: Una nueva propiedad en la naturaleza	QUIMBAY HERRERA, Carlos José

## Invited Talks - ML-513 (16:30-16:50)

time	[id] title	presenter
16:30	[87] La Relación de Crooks aplicada a sistemas de dos osciladores armónicos acoplados simulados bajo movimiento browniano	Prof. MUÑOZ CASTAÑO, Jose Daniel

# Friday 17 April 2026

## Invited Talks (10:30-10:50)

time	[id] title	presenter
10:30	[84] Monte Carlo modeling of asphalt surface wear under studded-tire traffic	LOAIZA MONSALVE, Dayani

## Invited Talks - ML-513 (14:30-15:30)

time	[id] title	presenter
14:30	[107] Entanglement and dynamical scaling laws in quantum superabsorption	REINA, John Henry
14:50	[98] Interplay of quantum resources: magic-protected entanglement	RINCÓN, Julian
15:10	[94] Decoherence-assisted quantum key distribution	Prof. VALENCIA, Alejandra

## Invited Talks - ML-513 (16:00-17:00)

time	[id] title	presenter
16:00	[108] Path integral approach to work beyond the two-point measurement scheme	VIVIESCAS, Carlos
16:20	[91] StatMech Insights on Na <sup>+</sup> /I <sup>-</sup> Symporter transport cycle	LEYVA, Alfonso
16:40	[96] Scaling limits of random curves via Schramm–Loewner evolution	LEAL ABRIL, Leidy Milena