

Session Program

24-28 May 2027



NOBEL SYMPOSIUM 215 — Beyond Boltzmann: Complexity, Memory, and Non-Additive Entropies

S4 · Nonextensivity in particle physics

Bäckaskog slott, Conference room
Bäckaskog slott Barumsvägen 255 291 68 Fjälkinge, Sweden

Wednesday 26 May

14:00

S4 · Nonextensivity in particle physics: Chair: Roman Pasechnik · Rapporteur: Bo-Sture Skagerstam

Session |

Location: Bäckaskog slott, Conference room, Bäckaskog slott Barumsvägen 255 291 68 Fjälkinge, Sweden

14:00–14:30

Thermofractals, QCD self-similarity and nonextensive hadron thermodynamics

Speaker

Airton Deppman

14:30–15:00

Heavy tails and Tsallis phenomenology in high-energy collisions and femtoscopy

Speaker

Tamás Csörgő

15:00–15:30

S4 discussion 1

15:30–16:00

Coffee break (S4)

16:00–16:30

From nonextensive ideal gases to group entropy: finite phase space and the formal logarithm

Speaker

Tamás S. Biró

16:30–17:00

Nonextensive transport in hot and magnetized QCD matter

Speaker

Sadhana Dash

17:00–17:30

S4 discussion 2

17:30