

Session Program

24-28 May 2027



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

S1 · Foundations and admissible generalized entropies

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

Tuesday 25 May

09:15

S1 · Foundations and admissible generalized entropies: Chair to be confirmed · Rapporteur: Tamás S. Biró

Session |

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

09:15–10:00

From Boltzmann-Gibbs to nonadditive entropies: foundations, scope and decisive tests

Speaker

Constantino Tsallis

10:00–10:30

Superstatistics and the dynamical emergence of q-statistics

Speaker

Christian Beck

10:30–11:00

Universality classes and generalized entropies for complex, nonergodic systems

Speaker

Stefan Thurner

11:00–11:30

S1 discussion 1

11:30–12:00

Coffee break (S1)

12:00–12:30

Group entropies and the classification of admissible entropic functionals

Speaker

Piergiulio Tempesta

12:30–13:00

Nonequilibrium statistical mechanics foundations of nonextensive statistical mechanics

Speaker

Evaldo M. F. Curado

13:00–13:30

S1 discussion 2

13:30