

SEWM 2018

Strong and ElectroWeak Matter Conference

Barcelona, June 25-29, 2018

TOPICS

- QCD in extreme conditions and dense nuclear matter
- Baryogenesis and leptogenesis
- Heavy-ion collisions and the Quark-Gluon Plasma
- Quantum fields in and out equilibrium and thermalisation
- Electroweak phase transition beyond the Standard Model
- Early Universe physics and sources for gravitational waves
- Compact stars
- Quantum field dynamics and inflation

INVITED SPEAKERS

Barry Barish (Caltech)
Nils Andersson (Southampton)
Paolo Bedaque (U. of Maryland)
Szabolcs Borsanyi (U. Wuppertal)
Aleksy Cherman (Washington U., Seattle)
Miguel Angel Escobedo (U. Jyväskylä)
Jacopo Ghiglieri (CERN)
Jan Fiete Grosse-Oetringhaus (CERN)
Stephan Huber (Sussex)

Maciej Lewenstein (ICREA, ICFO, Barcelona)
Harvey Meyer (U. Mainz)
David Mateos (ICREA, ICC-UB, Barcelona)
Paul Romatschke (U. of Colorado)
Luciano Rezzolla (ITP, Frankfurt)
Anders Tranberg (Stavanger)
Konrad Tywoniuk (CERN)
Alfredo Urbano (CERN)

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