

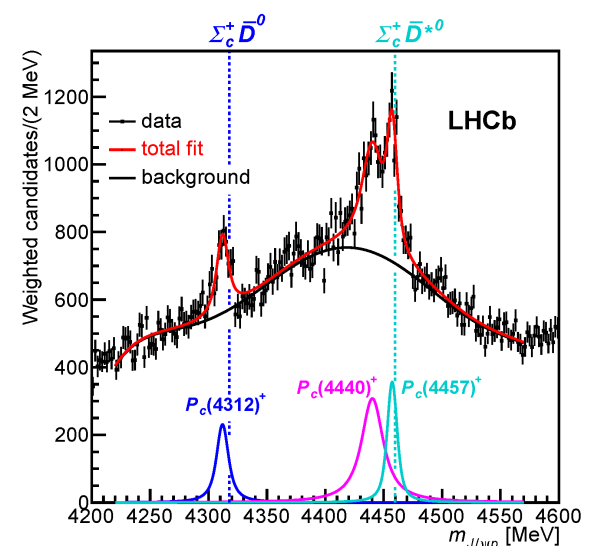
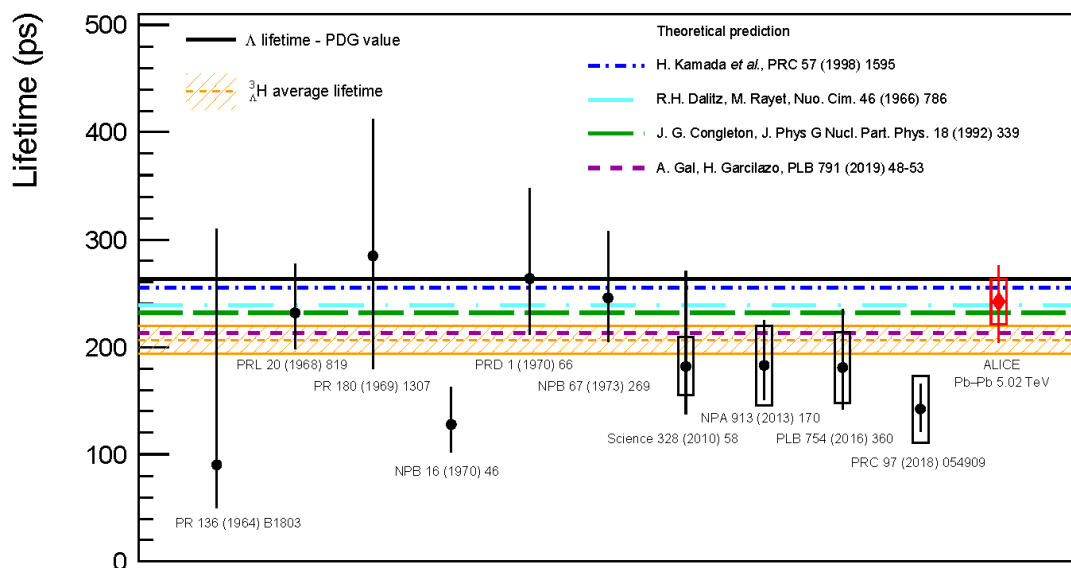
ExtreMe Matter Institute EMMI

EMMI Workshop

3rd workshop on anti-matter, hyper-matter and exotica production at the LHC

University of Wroclaw, Poland
December 2-6, 2019

Credit: ALICE Collaboration, PLB 797, 134905 (2019)



Credit: LHCb Collaboration, PRL, 122, 222001 (2019)

Topics

- Production of anti-matter in high-energy collisions
- Structure of light nuclei and exotic compounds
- Hypernuclear production and decay
- Hyperon-nucleon and hyperon-hyperon interaction
- Searches for exotic states composed of light and heavy quarks
- Coalescence and thermal model predictions
- Applications in astrophysics, in particular neutron stars and mergers
- Future experimental and theoretical perspectives

Organizers

- Dönigus, Benjamin – U Frankfurt
- Bufalino, Stefania - Politecnico di Torino
- Redlich, Krzysztof - University of Wroclaw
- Schaffner-Bielich, Jürgen - U Frankfurt
- Turko, Ludwik - University of Wroclaw

Information

www.gsi.de/emmi/workshops

More about EMMI

www.gsi.de/emmi

Credit: NASA/Swift/Dana Berry

