

# THE PHYSICS COLLOQUIUM

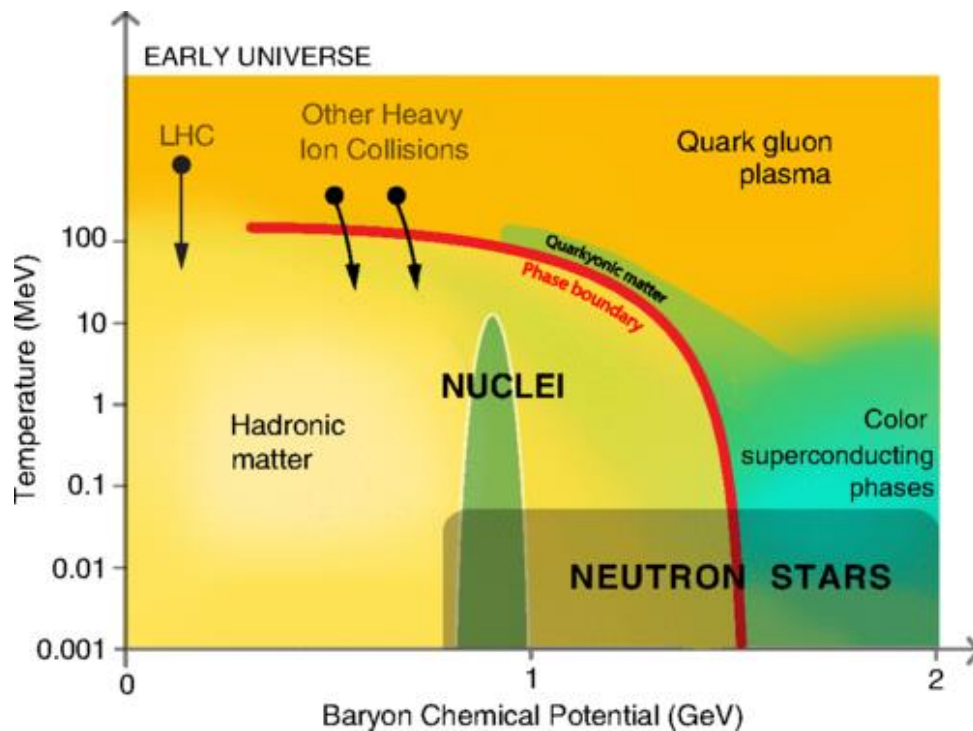
Thursday 12 October 2023, 4:00 p.m.  
Nijenborgh 4, Room 5113.0202

## The Strangeness of Neutron Stars

Laura Tolos

*ICE Barcelona*

Over the past decades hadrons with strangeness have received a lot attention in connection with the study of exotic atoms, the analysis of strangeness production and propagation in particle and nuclear research facilities, and the investigation of the possible strange phases in the interior of neutron stars.



Anna L. Watts et al (L. Tolos), Rev. Mod. Phys. 88 (2016) 2, 021001

In this talk I will address the dynamics of strange hadrons with nucleons and nuclear matter, paying a special attention to their presence in the inner core of neutron stars and the consequences for the structure and evolution of these compact stars.

Join us for coffee starting 3:30 p.m. Refreshments will be served after the lecture.

For more information contact the host: Julia Even ([j.even@rug.nl](mailto:j.even@rug.nl))

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