

Compact stars in the QCD phase diagram VI (Cosmic matter in heavy-ion collision laboratories?)

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Fast radio bursts and neutron stars

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Fast radio bursts are enigmatic millisecond radio flares observed since 2007, however, their origin is still unknown. Many models have been proposed. At the moment all leading hypotheses are related to neutron stars: magnetar bursts, supergiant pulses of PSRs, NS coalescence, supramassive NSs and so on. I briefly review these ideas, and then focus on magnetars and young radio pulsars as potential sources of FRBs.

Presenter: Prof. POPOV, Sergey (Moscow State University, Sternberg Astronomical Institute)