

# Bayesian Inference for analysis of EoS models based on multimessenger M-R data

*Thursday, 2 March 2023 17:10 (20 minutes)*

Bayesian Inference is a powerful statistical tool for analysis in case of rare and uncertainty data, which is applied for analysis of EoS models based on multimessenger M-R data. The aim of this analysis is to bring the quantitative measure for different physical models of stellar matter. One of the most common approaches to the implementation of Bayesian analysis is the study of the physical parameters of realistic models of the equation of state.

**Primary author:** Dr AYRIYAN, Alexander (JINR & AANL & Dubna State University)

**Presenter:** Dr AYRIYAN, Alexander (JINR & AANL & Dubna State University)