

# Measuring Stochastic GW Background (SGWB) with LISA

*Wednesday, 23 October 2024 11:30 (30 minutes)*

My talk summarizes the results of several works to assess the prospects of measuring Stochastic GW Background (SGWB) with LISA. After a brief introduction to the topic, I will present some of the expected astrophysical and cosmological SGWBs at LISA scales and discuss the possible implications of their measurement. The last part of my seminar will be devoted to conclusions and future perspectives.

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**Session Classification:** Cosmology