

VII Leopoldo García-Colín Mexican Meeting on Mathematical and
Experimental Physics



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ROBIN SAGAR: Information Entropies, Correlations, and Applications in Continuous Variable Quantum Systems

Wednesday, 19 February 2020 17:00 (30 minutes)

A review of the tools taken from information theory and how they have been used to analyze quantum systems will be presented. Formulations of uncertainty relations in entropic terms will be discussed with emphasis on the behaviors in the position, momentum and phase-space representations. Statistical correlations between (among) particles will also be addressed

Session Classification: SHORT TALKS

Track Classification: SYMPOSIUM ON SCATTERING, QUANTUM AND CLASSICAL TRANSPORT