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Type: **Seminar (invitees)**

Medium Separation Scheme and the Proper Description of Extreme Environments

Tuesday, March 11, 2025 3:30 PM (30 minutes)

This talk explores the challenges of studying strongly interacting systems at finite density, with a focus on the effects of external magnetic fields. The Medium Separation Scheme (MSS) plays a key role in the proper separation of medium effects, avoiding misleading interpretations and ensuring reliable behavior of the physical quantities. Finally, possible approaches to applying MSS in the study of quarkyonic matter in the presence of a finite magnetic field are explored.

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Session Classification: Afternoon