

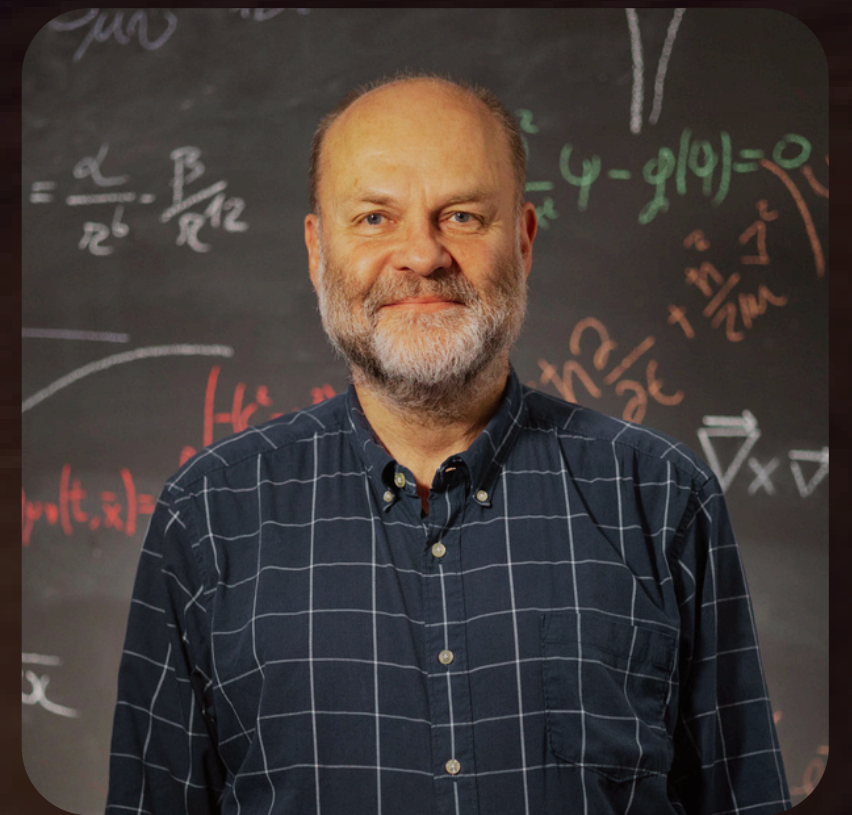


भारतीय खगोलभौतिकी संस्थान Indian Institute of Astrophysics

IIA Colloquium

11:30 a.m., Thursday, 8th October 2026
IIA Auditorium

Prof. Jorma Louko
University of Nottingham
UK



Black Holes from the Sky to the Laboratory

Black holes are well established objects in astrophysics. But how could we observe the interplay of black holes and the quantum? With black holes in the sky, the prospects are not encouraging, but with analogue spacetime black holes created in the laboratory, observational evidence of quantum phenomena is at the very threshold of current technology. This talk reviews the theoretical background and the experimental prospects of laboratory simulation of classical and quantum black holes, including observations completed and under development in the Nottingham/Manchester Gravity Laboratory.

High Tea at Auditorium Lounge at 11:00 a.m.

Indian Institute of Astrophysics
II Block, Koramangala, Bengaluru-560034

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