



ICTS

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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS Astrophysics & Relativity Seminar

Title : Tensor Manipulation with Mathematica and xAct/xTensor

Speaker : Guillaume Faye (Paris Institute of Astrophysics, France)

Date : Thursday, 06 November 2025

Time : 2:00 PM (IST)

Abstract : The lecture will be divided into two parts:
(a) A brief overview of the Wolfram Language and how to use it to write code.
(b) An introduction to tensor manipulations using the xAct/xTensor package

Venue : Online

Zoom Link: <https://icts-res-in.zoom.us/j/94013964122?pwd=T3gGrW4o3q5Gp6bX9cAeiv6XlfAcrP.1>

Meeting ID: 940 1396 4122

Passcode: 202030