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INTERNATIONAL
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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS Seminar

Title : Inertia, defects and order in active fluids

Speaker : Sriram Ramaswamy, Indian Institute of Science, Bangalore.

Date : Tuesday, 2 April, 2019

Time : 1:30 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : We show that inertia drives a flocking phase transition in an active fluid, from a disordered defect-turbulent state to a fluctuating but ordered phase-turbulent state.