FY 2024 Annual Report

Unit Name

Continuum Physics Unit

Collaborations

Pinaki Chakraborty, OIST, Japan, Frictional drag in rough-walled, turbulent flows between concentric rotating cylinders

Marco Rosti, Pinaki Chakraborty, OIST, Japan, Classical, transitional and fully turbulent RT instabilities

Scholarly Contributions and Creative Productions (by Faculty)

Journal Article

1. Gioia, Gustavo, Christian Butcher, Julio Manuel Barros, Yasuo Higashi, Henry C. H. Ng, Tinihau Meuel, and Pinaki Chakraborty. 2024. “Okinawa Institute of Science and Technology – Taylor–Couette (OIST-TC): A New Experimental Set-up to Study Turbulent Taylor–Couette Flow.” Flow 4, pp. E30, 2024 (October).

Seminars

1. Gioia, Gustavo. 2025. “Spectra & Turbulent Friction in 2- and 3-Dimensional Rough-Pipe Flows.”