

FY 2024 Annual Report



Unit Name

Shocks, Solitons and Turbulence Unit

Students Supervised:

- Luke Reece Collyer-Hoar (PhD Student)

Scholarly Contributions and Creative Productions (by Faculty)

Poster Presentation at Conference

1. Miyahara, Hiroko, Kanya Kusano, Ryuho Kataoka, Shin-ichiro Shima, and Emile V. Toubert. 2024. "Deep Convection as a Possible Mediator of the Sun-Climate Connection." American Geophysical Union, December.

Scholarly Contributions (by Unit Members)

| Name of Unit Member | Type | Title | Outlet | Publisher | Year Pub |
|---------------------|----------------------|--|------------------------------------|--------------------|-----------|
| Prabal Negi | Other Scholarly Work | Asymptotic Center-Manifold for the Navier-Stokes | ArXiv | Cornell University | 7-Nov-24 |
| Prabal Negi | Seminars | Asymptotic Center-Manifold for the Navier-Stokes | Royal Insitutte of Technology, KTH | N-A | 28-Nov-24 |
| Prabal Negi | Seminars | Asymptotic Center-Manifold for the Navier-Stokes | Nordita | N-A | 25-Nov-24 |
| Stephen Winn | Seminars | Long-Wave Isentropic Ocean-Atmosphere Dynamics | IRIDeS, Tohoku University | N-A | 22-Jan-25 |