
List of publications

- [1] **Biswajit Dutta**, Pratikshya Bezbaruah, and Nilakshi Das, “Magnetized wake driven anomalous diffusion in complex plasma,” *Physics of Plasmas*, vol. 28, no. 8, 2021. (DOI: 10.1063/5.0055139)
- [2] **Biswajit Dutta**, Hirakjyoti Sarma, Pratikshya Bezbaruah, and Nilakshi Das, “Tunable rheological behaviour of magnetized complex plasma,” *Physics Letters A*, vol. 438, 128110, 2022. (DOI :10.1016/j.physleta.2022.128110)
- [3] **Biswajit Dutta**, and Nilakshi Das, “Influence of a transverse magnetic field on wakefield oscillations around a charged dust grain in complex plasma,” (*Communicated*).

List of conferences

1. **Biswajit Dutta**, and Nilakshi Das, “ Effects of ion flow, ion-neutral collision and dust-neutral collision on interaction potential in Complex Plasma,” *12th International Conference on Plasma Science and Applications (ICPSA)*, University of Lucknow, Lucknow, Uttar Pradesh, India, 2019.
2. **Biswajit Dutta**, Pratikshya Bezbaruah, and Nilakshi Das, “ Interaction mechanism and structure formation in complex plasma in presence of streaming ions and magnetic field,” *Conference on Plasma Simulation (CPS-2020)*, Institute for Plasma Research (IPR), Gandhinagar, Gujarat, India, 2020.
3. **Biswajit Dutta**, Hirakjyoti Sarma, Pratikshya Bezbaruah, and Nilakshi Das, “ Rheological characteristics of magnetized complex plasma,” *National Symposium on Plasma Science and Technology (PLASMA 2022)*, IIT–Jodhpur, 2022.
4. **Biswajit Dutta**, Pratikshya Bezbaruah, Ankita Bhagawati, and Nilakshi Das, “ Dynamical phenomena in Plasma,” *Assam Science Festival 2019*, Tezpur University, Assam, India, 2019.
5. **Biswajit Dutta**, and Nilakshi Das, “ Diffusive behavior of complex plasma in a magnetized flowing environment,” *National Conference on Emerging Trends in Physics (NCETP-2021)*, Tezpur University, Assam, India, 2021.

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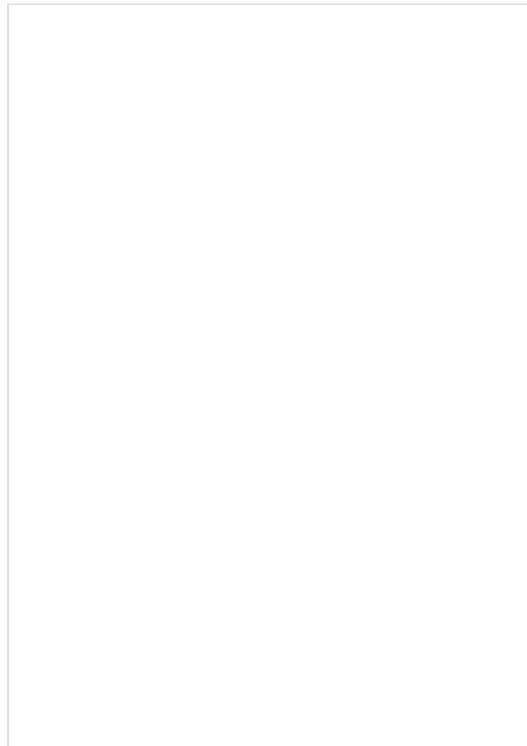


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