

Abstract Submitted
for the SES19 Meeting of
The American Physical Society

Low Frequency Plasma Instabilities and Flow¹ S SEN, College of William Mary, VA; National Institute of Aerospace, VA; Bowie State University, MD, TAYLOR SMITH, PATRICK ADEGBAYE, JINA WALLS, MIA CHANCE-ICE, IMAN MOMBO, Bowie State University, MD — We study the effect of low-frequency plasma instabilities in the presence of inhomogeneous plasma flow and the result is applied in to explain various atmospheric and space plasma disturbances and turbulence. Remarkable similarities are discovered.

¹This work is supported by Department of Energy

S Sen
College of William and Mary; Nat'l Inst of Aerospace; Bowie State Univ

Date submitted: 01 Oct 2019

Electronic form version 1.4