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Space Plasma Research and Instrument Development at SPDL, NCU
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Space plasma is profoundly different from laboratory plasma in that it is highly collisionless and thus may develop many interesting nonlinear phenomena. In-situ measurement and observation of space plasma requires specially designed and high-quality instruments onboard satellites. Theoretical understanding and interpretation of spacecraft data is equally challenging. In this talk a brief overview is presented of the theoretical research on collisionless magnetized plasma and the efforts on the instrumentation conducted at the Satellite Payload Development Laboratory (SPDL), National Central University.

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