

CASA Seminar Series – “DSD

characterization and computations of expected reflectivity using data from a CSU Two-Dimensional Video Disdrometer deployed in Puerto Rico”

By: Jose Maeso, MSEE Student UPRM

Date: March. 31st , 3:00 PM (CST)

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Abstract - This work is a collaborative effort between CSU and UPRM, it intends to increase the reliability of DSD measurements in tropical climates, contributing to better calculations and better estimation of rainfall rates. It will provide information on reflectivity calculations to improve rainfall retrieval algorithms as well. Accurate DSD estimates will provide better attenuation correction specific to the tropics as well as improved Z-R relationships.