Comparison of Rain rates and rain classification from MT BRAIN retrievals over several operationnal and research radar in the Tropics

Matias Alcoba* † , Marielle Gosset1, and Nicolas Viltard2

¹Géosciences Environnement Toulouse (GET) − CNRS/IRD/UPS − France ²Laboratoire Atmosphères, Milieux, Observations Spatiales (LATMOS) − INSU, Université de Versailles Saint-Quentin-en-Yvelines, Université Pierre et Marie Curie (UPMC) − Paris VI, CNRS : UMR8190 − France

Abstract

As part of the MTGV activities, collaboration have been set up with Meteo-France and the australian bureau of Meteorology in order to access to their radar based rainfall estimates, in complement with our own radar based super-site, for comparison with the Brain rainfall retrievals. The methodology set up for comparing both rain rates and Convective/stratiform classifications will be presented and initial results wil be discussed.

^{*}Speaker

[†]Corresponding author: matias.alcoba@get.obs-mip.fr