

FASTER: A NEW DOE EFFORT TO BRIDGE ESM AND ASR SCIENCES

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ABSTRACT

In order to better use the long-term ARM measurements to evaluate parameterizations of fast processes used in global climate models --- mainly those related to clouds, precipitation and aerosols, the DOE Earth System Modeling (ESM) program funds a new multi-institution project led by the Brookhaven National Laboratory, FAsT -physics System Testbed and Research (FASTER). This poster will present an overview of this new project and its scientific relationships to the ASR sciences and ARM measurements.