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Invited Talk
(Invited Talk)
NASA’s TriG Radio Occultation (RO) instrument is slated for its first flight in a few months on the COSMIC-2a mission. During the 5 year timeline of the TriG development, many more flight opportunities for smaller, lower-power RO instruments came to the fore. The TriG RO instrument is designed to provide twice as many RO measurements as the COSMIC-1 GOX and greatly improve signal recovery in the lower 2 km of the tropics. However, as implemented, TriG is not compatible with the power, mass, volume and cost profile desired for a cubesat payload.

We will describe instrument developments at NASA/JPL following TriG that are compatible with these new “small footprint” instruments as the apply to RO , reflections and POD for future missions.
OSTS session
Regional and Global CAL/VAL for Assembling a Climate Data Record
Meeting name
Joint COSMIC Tenth Data Users' Workshop and IROWG-6 Meeting
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