

**WORLD METEOROLOGICAL ORGANIZATION**  
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**ENVIRONMENTAL INSTRUMENTS AND METHODS OF OBSERVATION**  
*Towards fit-for-purpose environmental measurements*  
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**SUBMITTED ABSTRACT**

<b>0.</b>	<b>Paper Number</b>	43
	<b>Session Name</b>	1. Characterization and standardization of environmental measurements - traceability assurance
<b>1.</b>	<b>Title of the paper</b>	Centinel II: A system for the remote calibration of the pyranometers installed in the PFV of Cuba with connection to the national electricity network

<b>2.</b>	<b>Institution</b>	Centro de Fisica de la Atmosfera del Instituto de Meteorologia de Cuba			
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<b>4.</b>	<b>Abstract of the paper</b>
	Based on the ratio between daily sums of global radiation on tilted surfaced obtained at the PFV (photovoltaic) installations with conection to de national electric network of Cuba and the radiation outputs of the WRF model (V.3.6.1) for clear sky days, interpolated to the PFV facilities position. Devations between 2 to 3 % in the calibration constansts can be detected. wich allow to make corrections and rise alert on the need to perform a calibration following ISO 9847 as established methodology