

Abstract Submitted
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SWGGO: A next generation ground-based wide-field gamma-ray observatory in the southern hemisphere ANDREW SMITH, University of Maryland, College Park, SWGO COLLABORATION COLLABORATION — The Southern Wide field-of-view Gamma-ray Observatory (SWGGO) is a planned next generation very high energy gamma-ray detector to be built in the southern hemisphere. Building on the demonstrated capabilities of HAWC and ARGO, which will be further extended by LHASSO, SWGGO will be the worlds most sensitive gamma-ray surface detector and the first wide-field TeV scale instrument to operate in the southern hemisphere. With its wide field and high duty cycle (100

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