

# SAIP2014



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## **Search for Very High Energy candidate sources using South African observatories**

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### **Abstract :**

The multi-wavelength South African observatories are ideally located to complement the very high energy (VHE) observations undertaken with the H.E.S.S. telescope located in Namibia. We are undertaking a long term multi-wavelength campaign and a literary search to identify potential VHE energy extra-galactic sources which may be observable with the H.E.S.S. telescope. The early stages of this project have focussed on identifying candidate sources and undertaking optical photometric observations with the UFS/Boyden 1.5-m and Watcher telescopes located at the Boyden observatory, and optical spectroscopy observations with the South African Large Telescope and the SAAO 1.9m telescope located at the South African Astronomical Observatory (SAAO). We present an overview of the proposed observational programme, the different possibilities available for multi-wavelength observations and initial results from this project.

### **Award :**

no

### **Level :**

NA

### **Paper :**

yes

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