

**NITheCS Colloquium**  
**Monday, 30 May 2022, 16h00 – 17h00 SAST**  
Isabella Rammala (Rhodes University)

**‘Compact Radio Sources in the 1.28 GHz MeerKAT Galactic Center Mosaic’**



## **ABSTRACT**

I will discuss the techniques used to produce the high-resolution mosaic of the galactic centre using the MeerKAT L-Band data. With this data, we aim to classify the compact objects in the field, as well as identify possible radio pulsar candidates from the image domain. I will also present some of the interesting sources found in the field.

## **BIOGRAPHY**

Ms Isabella Rammala is a final year doctoral student at Rhodes University and the South African Radio Astronomy Observatory.

Her research interests are in radio pulsar physics and finding radio pulsars in the galactic centre.

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