



Abhishek Abhishek

Bidar, Karnataka

India

English, Hindi, Italian (learning)

I like Volleyball, Trekking, Painting, Animation and 3D modelling.

Education

Integrated Bachelors and Masters in Physics: IISER Kolkata (Indian Institute of Science Education and Research)

PhD: University of Siena & INFN Pisa

PhD Project Information

Project: CTA+

Current status: Part of Galactic center (GC) dark matter (DM) group LST.

Current work:

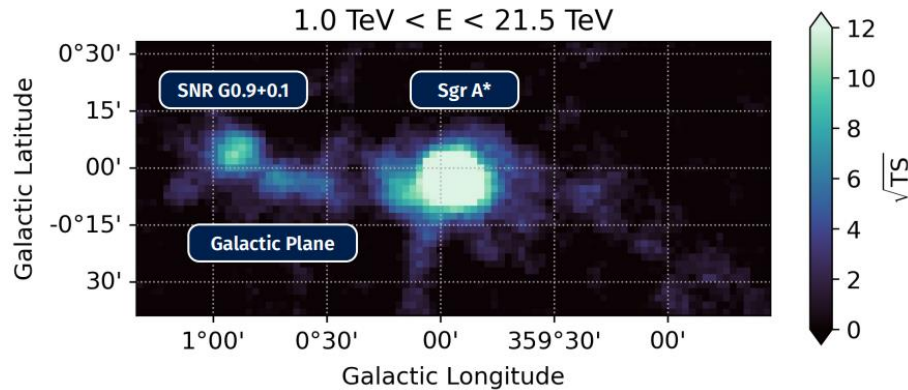
PhD Project Information

Project: CTA+

Current status: Part of Galactic center dark matter group LST.

Current work:

- Convert GC data collected by MAGIC to DL3 files to be analysed along with LST data.



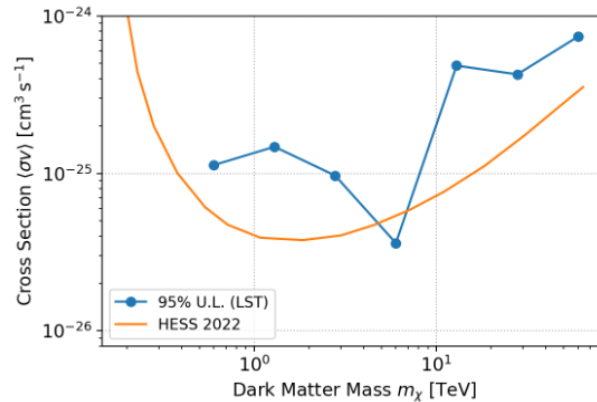
PhD Project Information

Project: CTA+

Current status: Part of Galactic center dark matter group LST.

Current work:

- DM analysis to put constraints on DM annihilation parameters stronger than previous MAGIC and HESS studies.



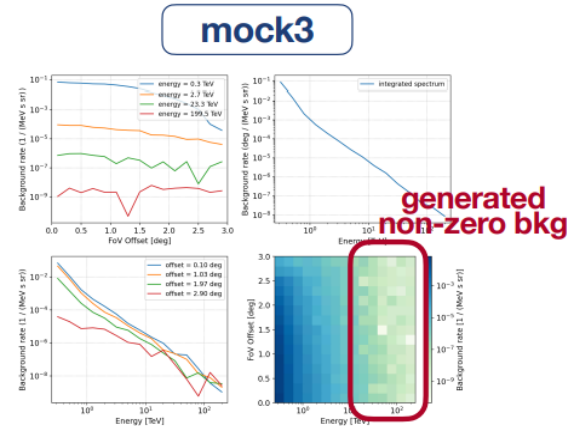
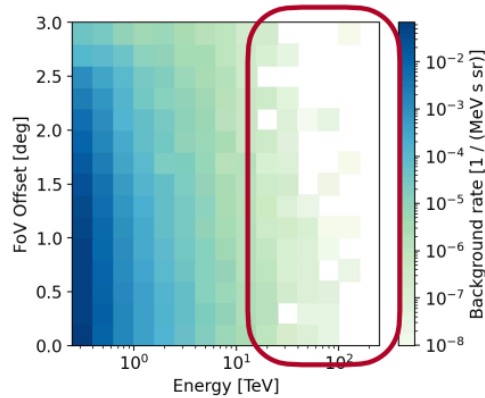
PhD Project Information

Project: CTA+

Current status: Part of Galactic center dark matter group LST.

Current work:

- Improve background modelling for GC study.



PhD Project Information

Project: CTA+

Current status: Part of Galactic center (GC) dark matter (DM) group LST.

Current work:

Future plans:

- Simulate GC with CTA+ IRFs. Implement the new background modelling technique and new DM analysis pipeline to perform the analysis for CTA south observations.

PhD Project Information

Thank you.

Merry Christmas and a Happy New Year !!

