

Welcome

autoMAGIC Workshop Padova

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28th - 30th August 2024

Structure:

- Day 1:
 - AutoMAGIC basics
 - AutoMAGIC setup
 - Filling the Database
 - Database know-how

- Day 2:
 - Preparing autoMAGIC analyses
 - Running autoMAGIC analyses

- Day 3:
 - Analyzing autoMAGIC data with Gammapy
 - Special autoMAGIC use cases
 - Summary: Quick Guide for the Usage of autoMAGIC
 - Outlook

Format:

- Hybrid format: Lectures and hands-on sessions

- You need:
 - A machine with access to the PIC server
 - A PIC account
 - Access to the autoMAGIC Gitlab: https://gitlab.pic.es/magic/automatic_analysis
 - A working installation of autoMAGIC (see https://gitlab.pic.es/magic/automatic_analysis/-/wikis/Installation-Guide)

- Today in the afternoon there is going to be a guided installation for those who had problems so far

Goals of this Workshop

- I will try to teach you how to use autoMAGIC
- I will explain the general workflow and some important design decisions
- I'm trying to explain the details of every step before we do it together in the hands-on
- I will not discuss the autoMAGIC maintenance or development
- I cannot explain every detail of the implementation

Some further remarks

- Please ask question whenever you have them!
- Feel free to interrupt me if something is unclear
- The more actively you participate the more I can address your interests :-)
- AutoMAGIC has never been used by that many people at once
 - 1. Thank you!
 - 2. We might find new bottlenecks :-)