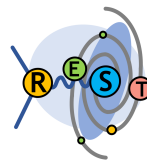


REST-for-Physics Training School



Rare Event
Searches Toolkit
software

The REST-for-Physics (Rare Event Searches Toolkit) Framework is a collaborative software effort that provides common tools for acquisition, simulation, and data analysis of gaseous Time Projection Chambers (TPCs). REST-for-Physics was conceived at the University of Zaragoza and it is intensively used in academia by undergraduate, master and PhDs students for thesis preparation. It is also used for generic R&D, and it has been adopted by experiments like IAXO, TREX-DM or PandaX-III to assist on the data processing and storage of official experimental data.



HELMHOLTZ



Universidad
Zaragoza

CAPA



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Program overview:

Thursday morning session:

Introduction to REST-for-Physics & particle physics MonteCarlo simulations.

Thursday afternoon session:

Introduction to REST-for-Physics & event data processing.

Friday morning session:

Contributing to REST-for-Physics: First steps with GitHub and advanced REST.

DESY, Hamburg, Flash seminar room (building 28c, 2nd floor).

16th - 17th March, 2023.

Sessions: morning (08:30am - 01:00pm), afternoon (02:30pm - 07:00pm).

Limited number of places available.

Free online registration: QR code or <https://indico.desy.de/event/37106/>



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