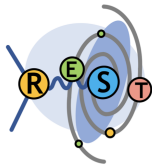


REST-for-Physics Training School



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 PhD 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 in the data processing and storage of official experimental data.

This school program will be distributed in 5-days:

Day 1. ROOT and REST installation and good to know UNIX tips.

Day 2. Introduction to ROOT. Basic ROOT components and I/O.

Day 3. Introduction to REST-for-Physics: Particle physics MonteCarlo simulations.

Day 4. Introduction to REST-for-Physics: Event data processing.

Day 5. Contributing to REST-for-Physics: First steps with GitHub and advanced REST.



Course will take place in Zaragoza, from [23rd January to 27th January](#).

Morning sessions from [9 a.m. to 1 p.m.](#)

Limited number of places available.

Free online registration (QR code).



REMARK: Before registration you will need to create an Indico account at indico.capa.unizar.es

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