R³B Analysis WG meeting

11/12/2025

Agenda

- Status update from participants
    - Lukas Ponnath: progress with tracking in s473, preliminary total interaction cross sections
    - Andrea Horvat: finalizing cross sections from s515, analysis note is in progress
    - Pablo G. R: first results on the Erel spectra and momentum distributions in g249
    - Aleksandra: continuing with s494 analysis, increased statistics, nuclear-EMD interference, background in Califa, angular distributions of the breakup products
    - Manuel: finalizing s522 analysis note, investigating delta-excitation channels

- Workshop in February
- AOB

Workshop on R3B data analysis, 9-12 Feb 2025

- Registration is open until the end of 2025:
    - https://indico.gsi.de/event/23397
    - available EURO-LABS support
    - 23 participants so far

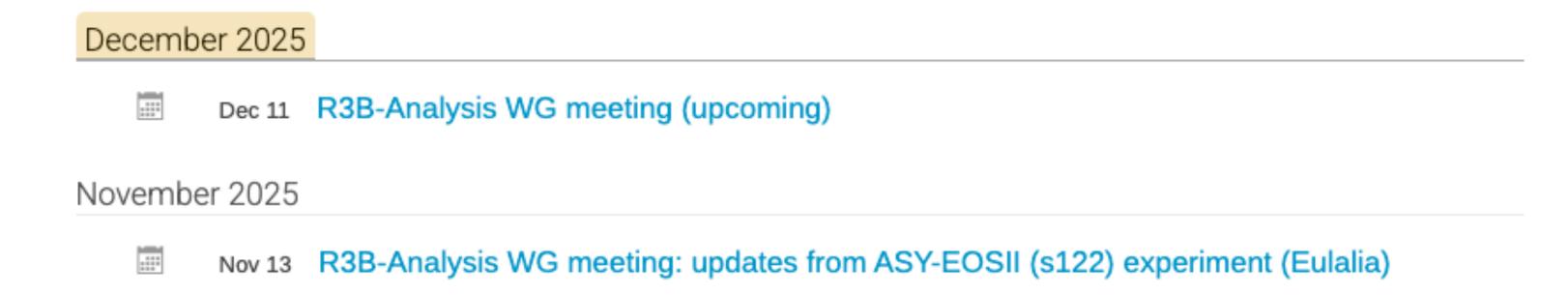Carlos Bertualni will give tutorials on the reaction theory

Kick-off meeting with the tutors —> Valerii will send email

New Indico page for the Analysis WG meetings

- From now the minutes and meeting slides will be kept on the GSI Indico page
  - Provided by Martin Poghosyan
  - Available for other WGs, just request Martin to create a new category

- Access: https://indico.gsi.de/category/928/
  - Make sure you are registered at GSI Indico

This is a page for the meetings of the R3B Analysis Working Group.
Slides, agenda, and other materials can be found in the attached materials of the individual meetings.

Access slides from earlier meetings via: this r3bproject page

December 2025
- Dec 11   R3B-Analysis WG meeting (upcoming)

November 2025
- Nov 13   R3B-Analysis WG meeting: updates from ASY-EOSII (s122) experiment (Eulalia)

Upgrade of the analysis PCs

- Analysis machines will be upgraded from Debian10 buster to Debian 13 trixie
    - lxir123, lxir133, lxlandana01/2, lxlanddaq01 and lxnfsd05
    - No more lustre mount on lxlandanaXX
    - No more support for Debain10 at GSI

- Fairsoft is available at cvmfs:
    - /cvmfs/fairsoft.gsi.de/debian13/

- Other availble analysis machines:
    - lxir136 (Debian11), lustre.hpc.gsi.de (4 PCs, Debian 11), Virgo cluster (different VAE available)

Participants