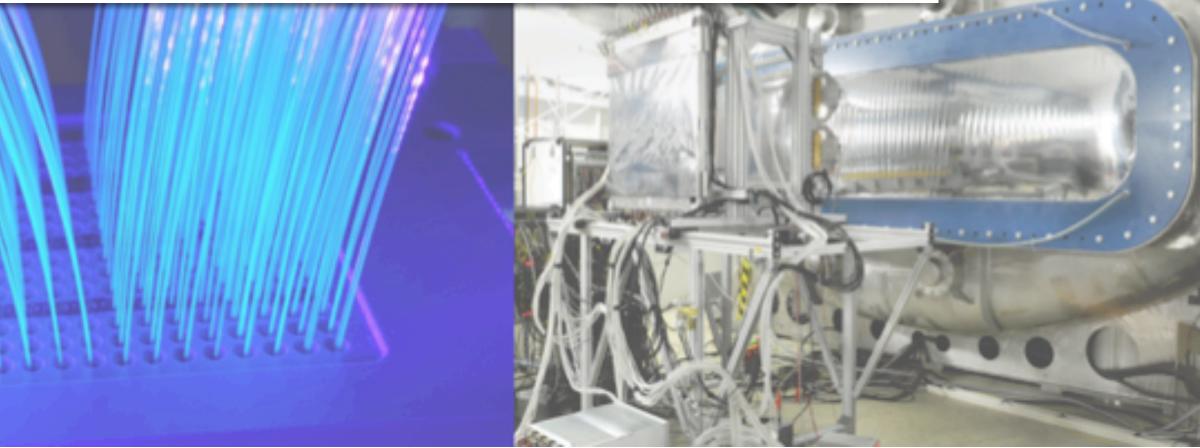# Simulation/Analysis WG session

R3B Collaboration Meeting, Budapest 22-26 May 2023

GSI workshop on R3B analysis software (20-24 Feb)

5 days program: R3BRoot (sim, calib, param, etc.) C++, GitHub, UCESB, LISE++, etc.

~30 on-site participants + Zoom

How about next workshop?

- More physics oriented?

- Lectures/tutorials on R3B-related physics, data analysis tutorials, ….

- Can take place at GSI but the computer class may not be available anymore

- Next suitable time slot in fall 2023 (October/November) if no overlap with the test beamtime

- Any ideas/suggestions for the workshop are welcome!

Today's menu

09:00

Introduction — *Valerii Panin*
0.81 , Ortvay-room ground floor — 09:00 - 09:05

Calibration and efficiency calculation of fibers in S515 — *Eleonora Kudaibergenova*
0.81 , Ortvay-room ground floor — 09:05 - 09:20

Multi-dimensional fit approach for particle tracking through GLAD — *Valerii Panin*
0.81 , Ortvay-room ground floor — 09:20 - 09:35

Simulations for s522/s509 experiments — *Martina Feijoo Fontan*
0.81 , Ortvay-room ground floor — 09:35 - 09:50

Clustering signals in the RPC detector — *Manuel Xarepe*

10:00
0.81 , Ortvay-room ground floor — 09:50 - 10:05

Coffee
0.81 , Ortvay-room ground floor — 10:30 - 11:00

11:00

Analysis of the p2p reactions in S522 experiment using CALIFA — *Hang Qi*
0.81 , Ortvay-room ground floor — 11:00 - 11:15

Application of Neural Networks for CALIFA proton reconstruction — *Gabriel Garcia Jimenez*
0.81 , Ortvay-room ground floor — 11:15 - 11:30

ALPIDE Si-tracker simulations for studies with quasi-free scattering reactions — *Dr Jose Luis Rodriguez Sanchez*
0.81 , Ortvay-room ground floor — 11:30 - 11:45

CI workflows in R3BRoot repository — *Yanzhao Wang*
0.81 , Ortvay-room ground floor — 11:45 - 12:00