



Istituto Nazionale di Fisica Nucleare
LABORATORI NAZIONALI DI LEGNARO



2nd WP3 meeting

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June 4th, 2024

29/09 Electronics and mechanics design for Ag-111 γ detection

31/12 Planar imaging detector construction for Ag-111 γ detection

2025 dedicated to characterization and tests (Admiral proposal)

capitolo	assegnato	Impegnato	residuo
inventario	10000	9252	749
missioni	1000	0	1000
consumo	3000	0	3000

Order for FERS and connectors PLACED.

Probable delivery time beginning of July.

Room for a second GAG scintillator (~ 2.5K in 2023) useful for MC validation/others activities? → if so, need to start RDA as soon as possible. Bulk or pixelated?

DB *preventivi* will be opened from June 10th to July 14th.

Need to define a program to prepare money requests

Should we concentrate on optimization/testing, or aim at sensitive area extension?

The latter case more difficult: need to DESIGN a new PCB to host two SiPM matrices, or find a way to connect each pixel of the GAG to each pixel of the SiPM matrix. First FERS will probably continue to be available; second extension cable to be procured (560 euro); extended collimator area; extended encapsulating frame.

Consumable for optimization probably more realistic