

Conclusions

Nice theoretical overview -> Very important to have a common strategy theory & exp.?
Nice collaborations already in place

Ion production session

SPIRAL1 developments driven by physics demands or physics program depending on developed beams

GUEC (H. Savajols) will make a review of the up-to-date SPIRAL1 Lol

Lasers @ SPIRAL1? -> Could be possible (if money/HR available) but it will require a deep study of the project.

If it is only for selectivity not clear the need...

Not clear the increase in efficiency? case-dependent

Interest of MNT for the ISOL-France community? More discussion needed -> Next WS

The **beam development at ALTO** is PAC dependent

Molecules as tool for production of refractory elements -> To be continued



Conclusions

Laser session



- **LINO:**

Two options:

- 1) Put it into boxes until DESIR + new development of CRIS type set-up?
- 2) Upgrade now to versatile set-up (CRIS + COLLAPS)?

For both options a new young motivated permanent position is required.

LINO ready to be used at DESIR -> which physics case in 2027 ?

New DESIR WS for second half 2023 -> Let's wait for those discussions

What about laser spectroscopy on molecules for DESIR ? to be discussed...

- **S3-LEB**

Set-up well advanced and tested, it will be ready on time

Conclusions

Trap session



YOU ARE TRAPPED !!!

- Nice progress on PIPERADE, MLLTRAP, MORA and WISArD
- MR-TOF at DESIR ? We all agree that it's needed (complementary to PT) but not the highest priority
 - Priorities for DESIR
 - 1) Laser spectro
 - 2) FUGACE
 - 3) MR-TOF
- **MLLTRAP: Physics program at ALTO before DESIR ?**
 - Ag cases, further cases possibles at ALTO (niche cases) ?
 - Isomeric yield ratio (fission studies) with PI-ICR ?
- **MORA RFQ performances** : Discussion will take place at LPC-Caen next April

Conclusions

Decay session

Many nice results on neutron-rich nuclei

Nice progress in upgrade & simulations of existing and new set-ups at IJCLab
Not upgrade allowed due to the war

Movable detectors that can be installed “easily” in different facilities

- **SEASON**

To be commissioned at IGISOL in 2024 for three months, then ready to be sent back to S3-LEB when requested.

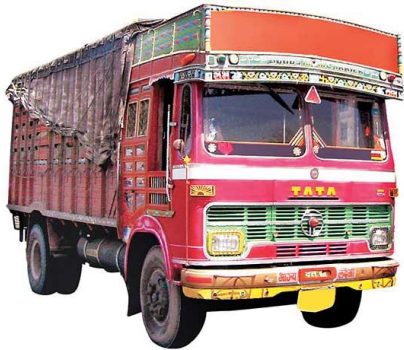
- **MONSTER (GSI-Fair)**

It is a community collaboration, to be asked directly for moving elsewhere

- **ALTO decay set-ups (BEDO, COeCO, TETRA...)** at DESIR?

It will be possible but depending on the physics program -> Proposals

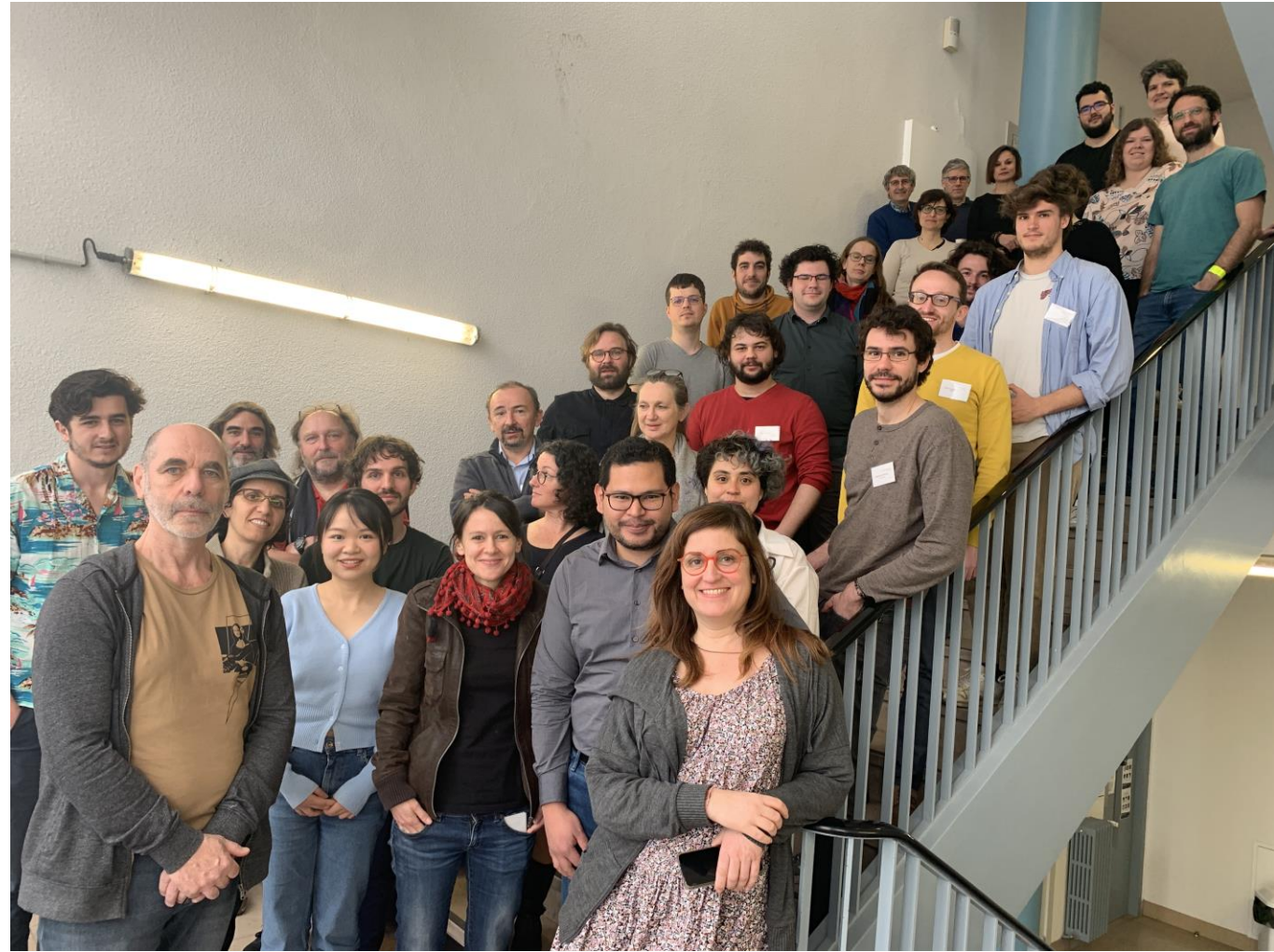
Decay station at S3-LEB (timeline?) -> compatible with DESIR ?-> These tape stations are very important for all (S3-LEB & DESIR) as fixed installations —> discussion to be done between S3 & ALTO and DESIR & ALTO



**THANKS TO ALL
SPEAKERS FOR THE
NICE TALKS !!!**

**AND TO DESIR FOR
THE FUNDING (and to
LP2iB for the coffee
breaks)**

**and many thanks to
Fanny Cadou**



**Please do not forget to send us the publishing talks before 31st of March.
By default we will upload the version you presented.**

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