

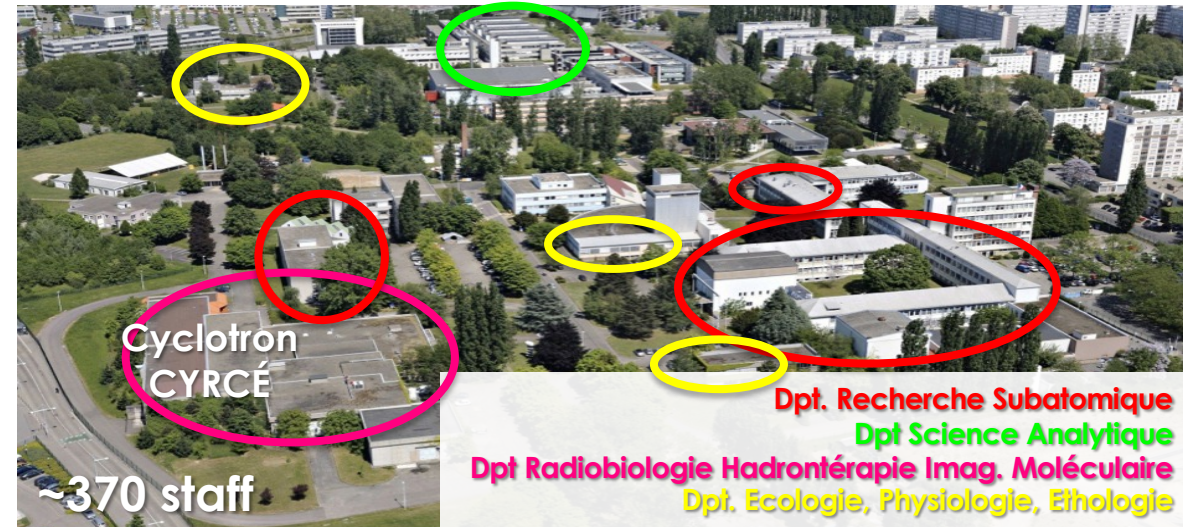
17-18 January 2023

<https://indico.in2p3.fr/event/28846>

Welcome at IPHC



ALICE



Université

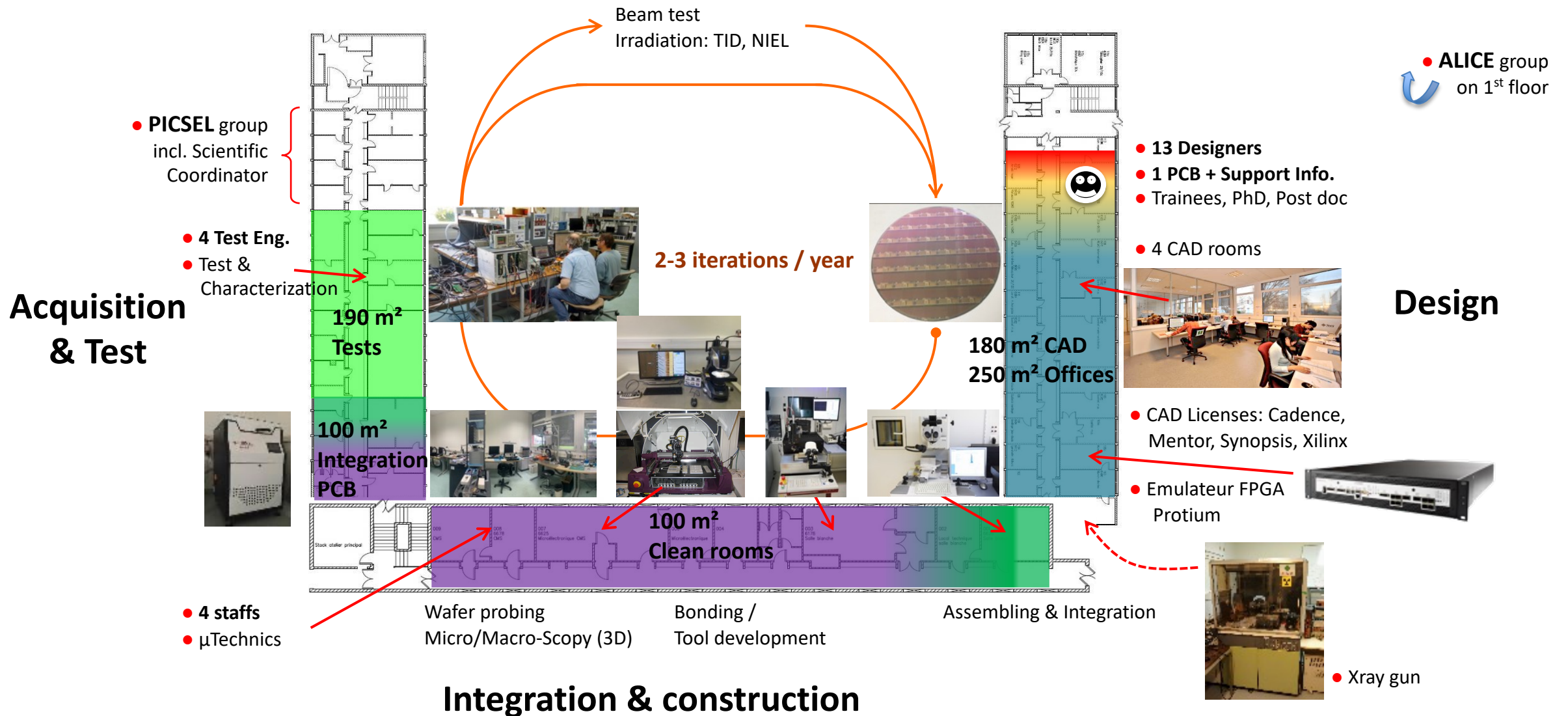
de Strasbourg

- Tuesday afternoon: discussions with some slides
- Wednesday morning: visit + discussions

Dinner: **Chez Yvonne** 19h, 10 rue du Sanglier, Strasbourg

<https://goo.gl/maps/xETh9JseVsLzewiT7>

Where are you?





• PhD



J. Soudier – Doc2



C. Lemoine (CERN) – Doc1

+2 positions to fill in 2023

• Masters

4-5 students expected next month

• Bachelors

M. Grau – L1

T. Lauber – L1

• Apprentices

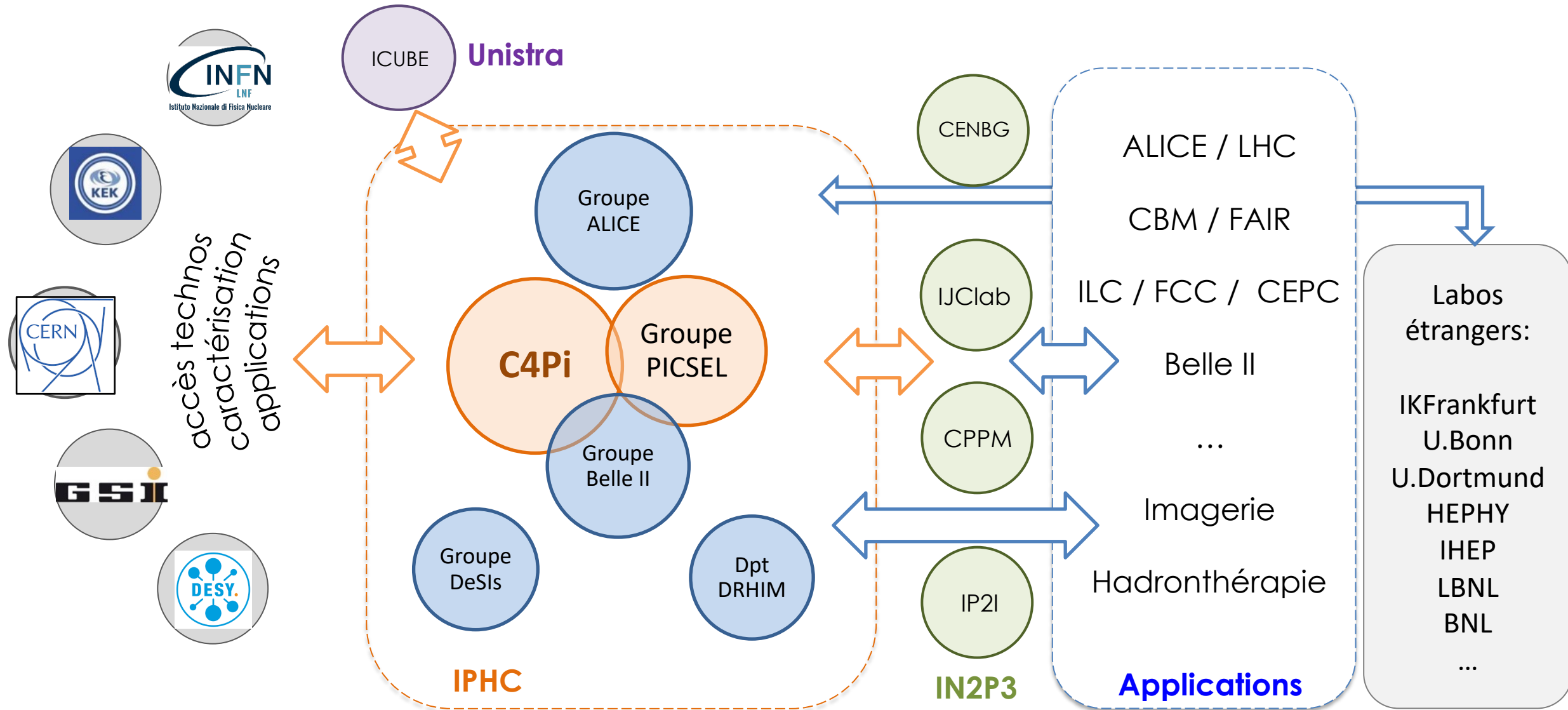


B. Faechtig – LPro1

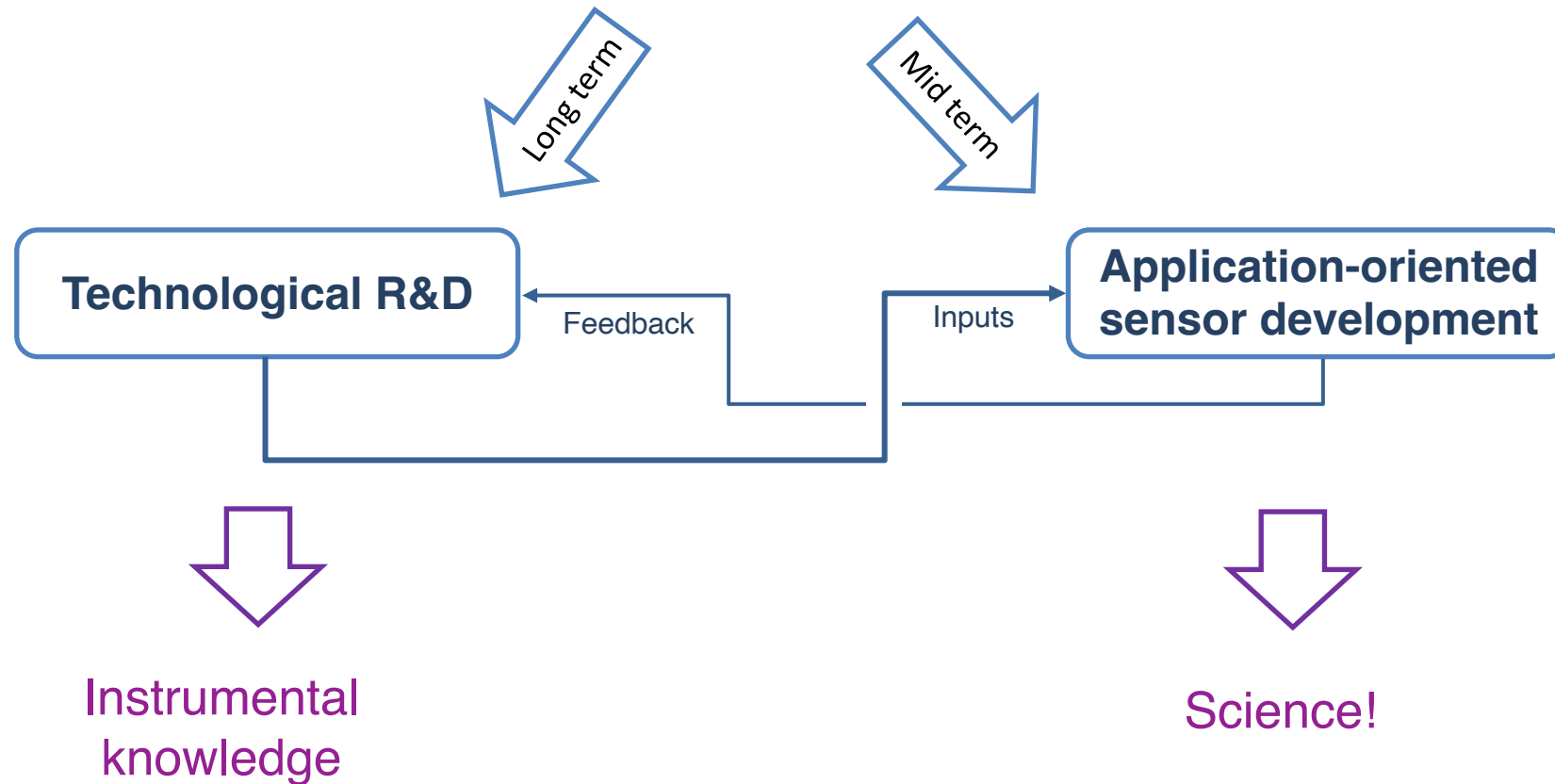


T. Jacques – BUT3

Réseau de collaborations

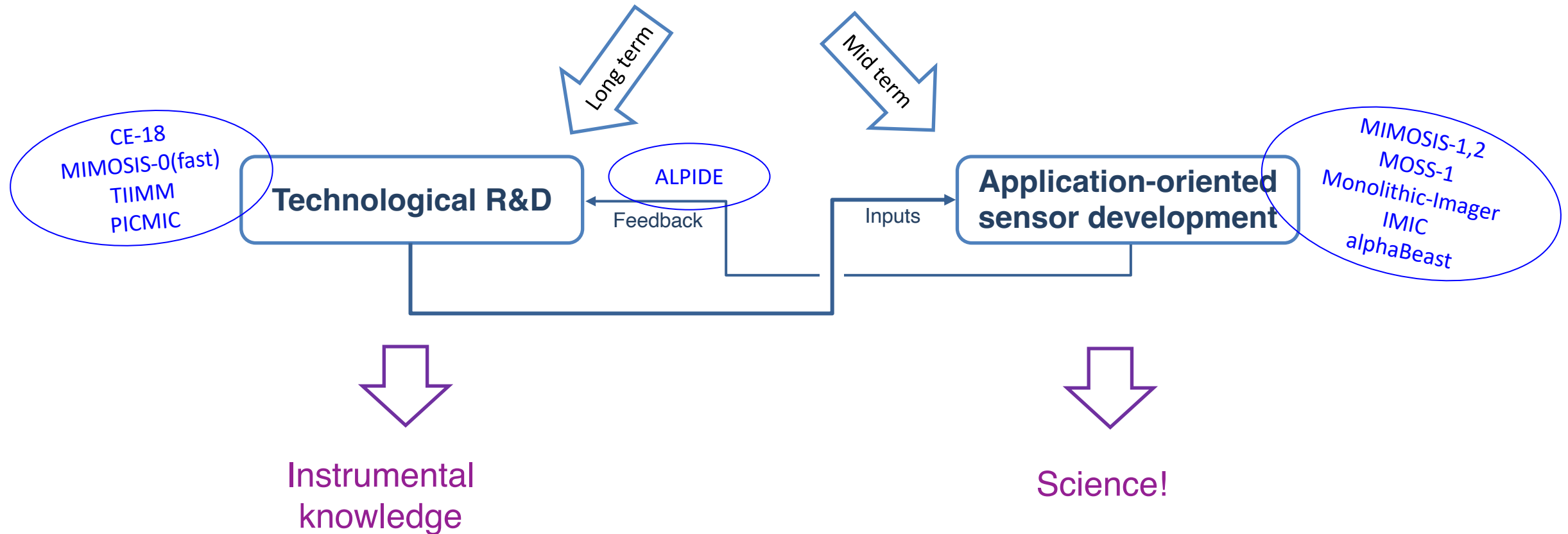


Requests from scientific groups



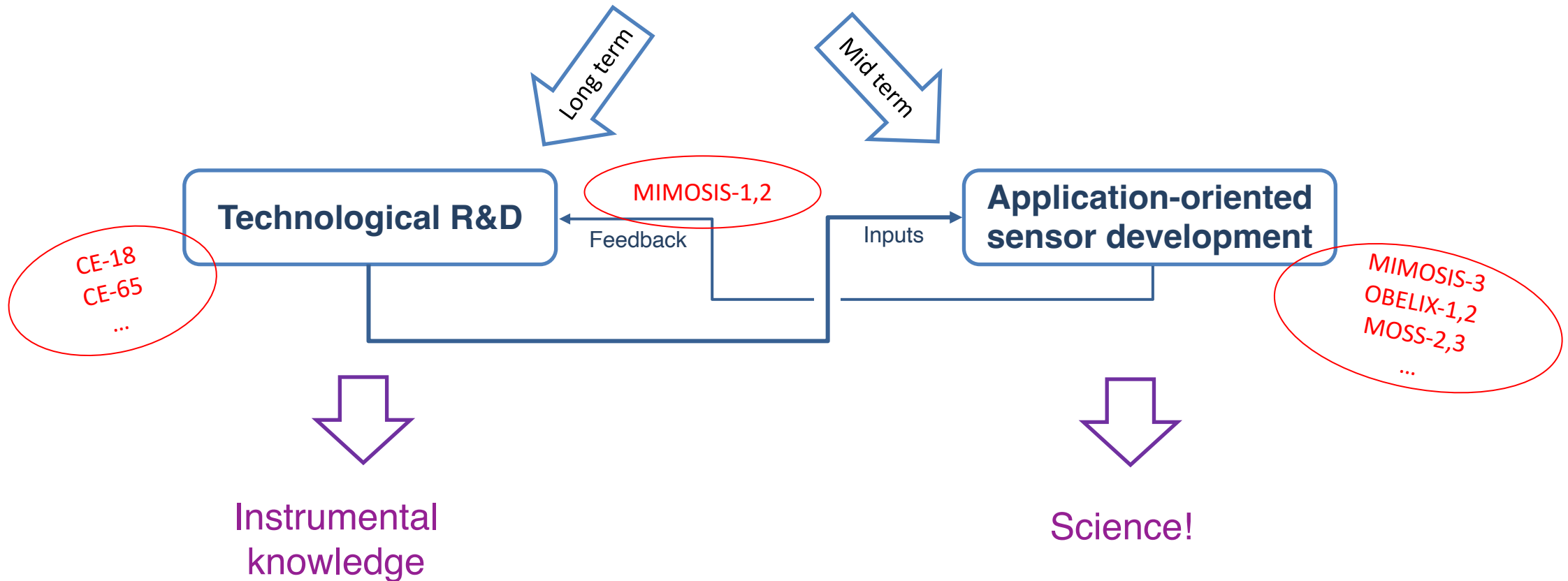
Past & current implementation

Requests from scientific groups

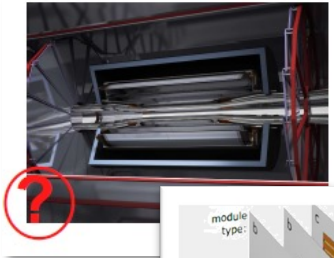


Current & future activities

Requests from scientific groups



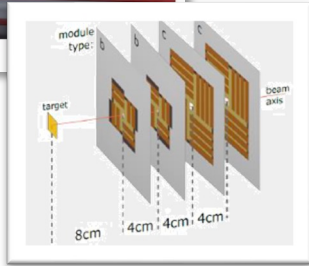
“...” = ECFA R&D



Future ee coll.
Update ~2026

- CE-65 & "... " program for VTX
 - Intermediate sensor for beam-test?

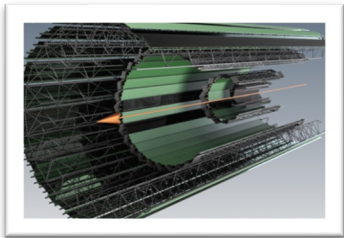
- *Potential* large design effort
- *Potential* large testing effort
- Integration effort ?



CBM
→2025?

- MIMOSIS & CE-18 program for MVD

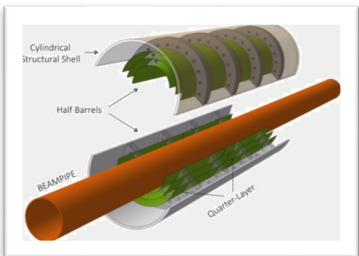
- Very large design effort
- *Saturation* of testing capabilities
- No integration (so far)



Belle II
→2026-27

- OBELIX program for VTX

- Mid-size design effort
- Low testing effort
- *Possible* mid-size integration effort

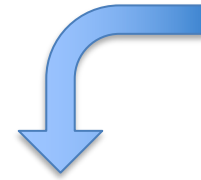
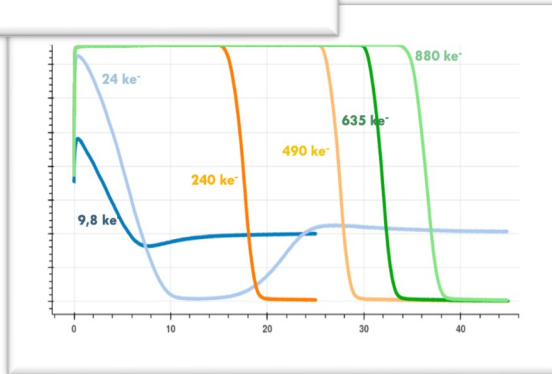
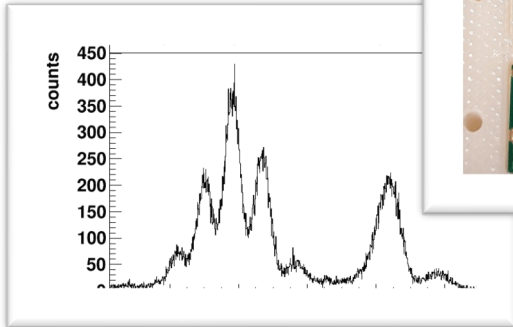
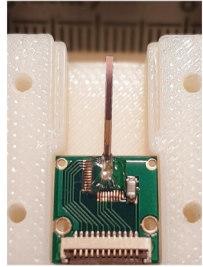
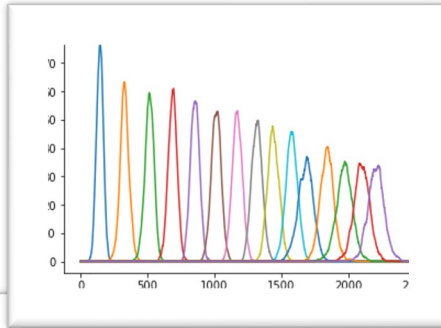


ALICE
→2026-28

- MOSS & CE-65 program for ITS3

- Large design effort
- Large testing effort (*missed so far!*)
- Mid-size integration effort (bending)

Applications (permanent effort)



Existing sensors
applications usually with partners

- Monolithic-Imager
multi-purpose analogue output
1st candidate for BSI
 - small design effort
 - small testing effort
 - low integration effort
- TIIMM
ToT with 10^4 dynamic
 - small design effort
 - small testing effort
 - no integration effort
- IMIC
ALPIDE made a needle
 - medium design effort
 - small testing effort
 - small production / integration effort
- MIMOSIS
– Various applications possible