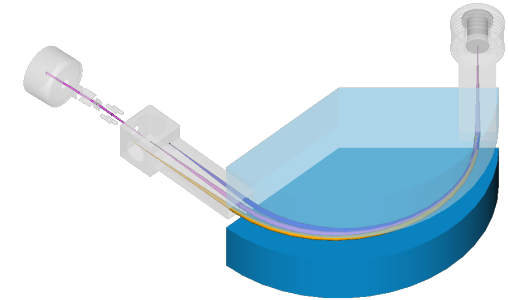
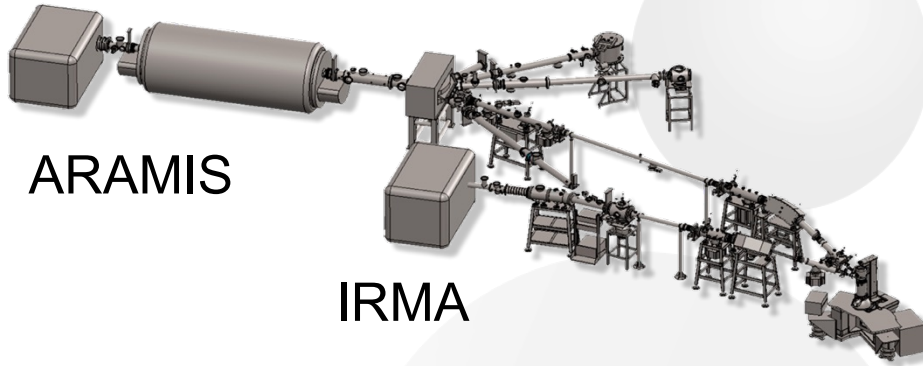
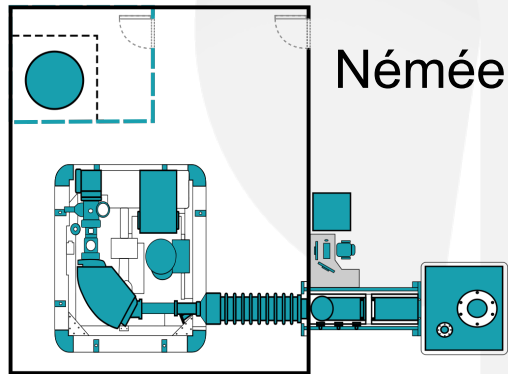


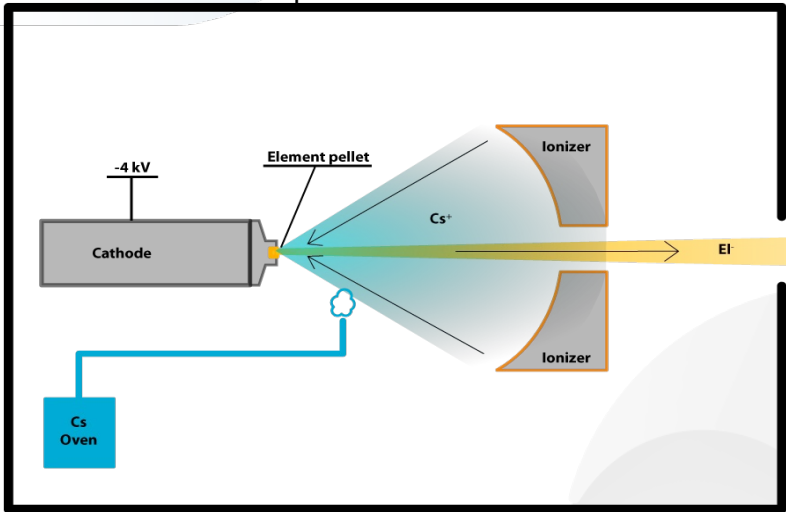
## BAT 108



## BAT 201



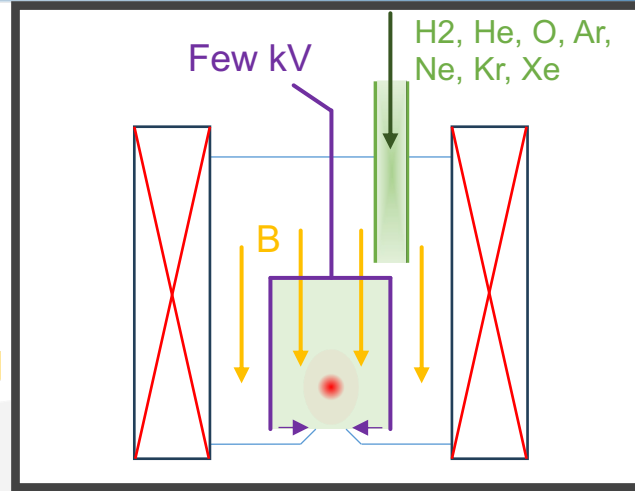
**Isabelle**



## Source of Negative Ions by Cesium Sputtering

- around 40 elements available
- 10-20  $\mu\text{A}$

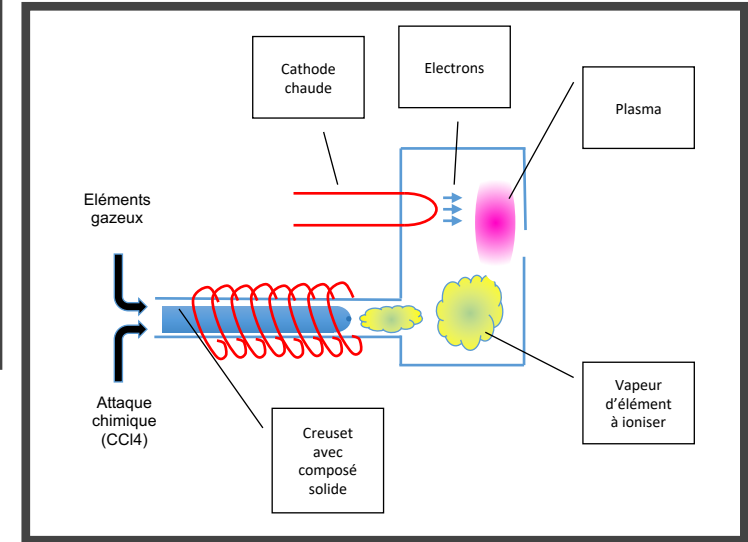
**ARAMIS**



## Penning Ion Source

- gaseous elements
- $-1+, 2+$
- $\rightarrow 100 \mu\text{A}$

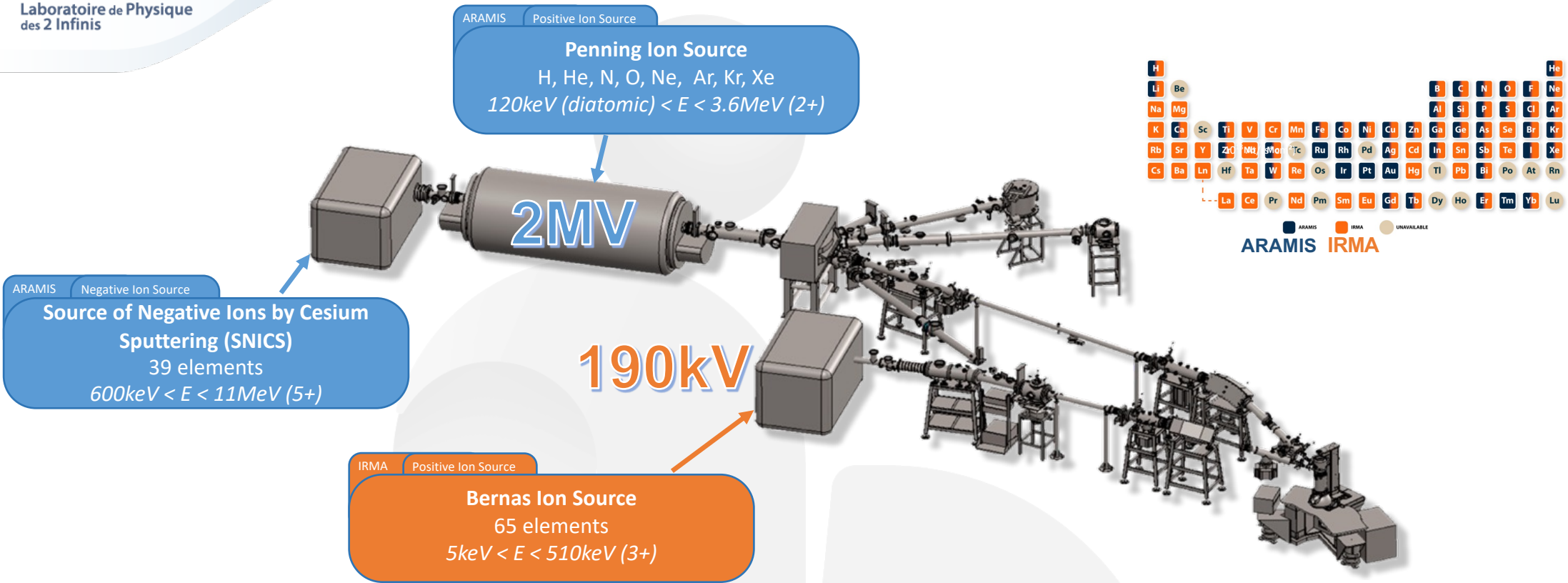
**ARAMIS**

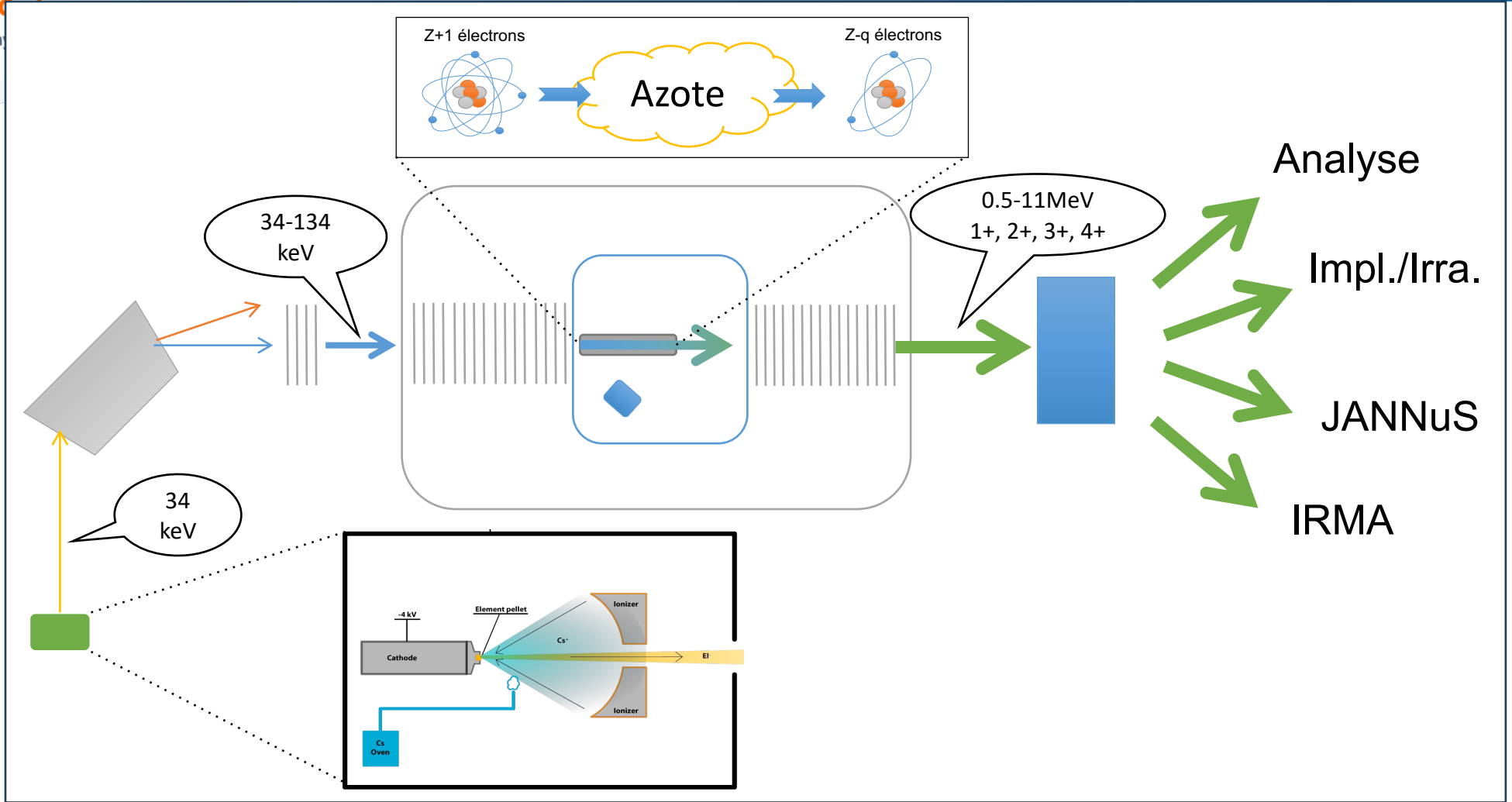


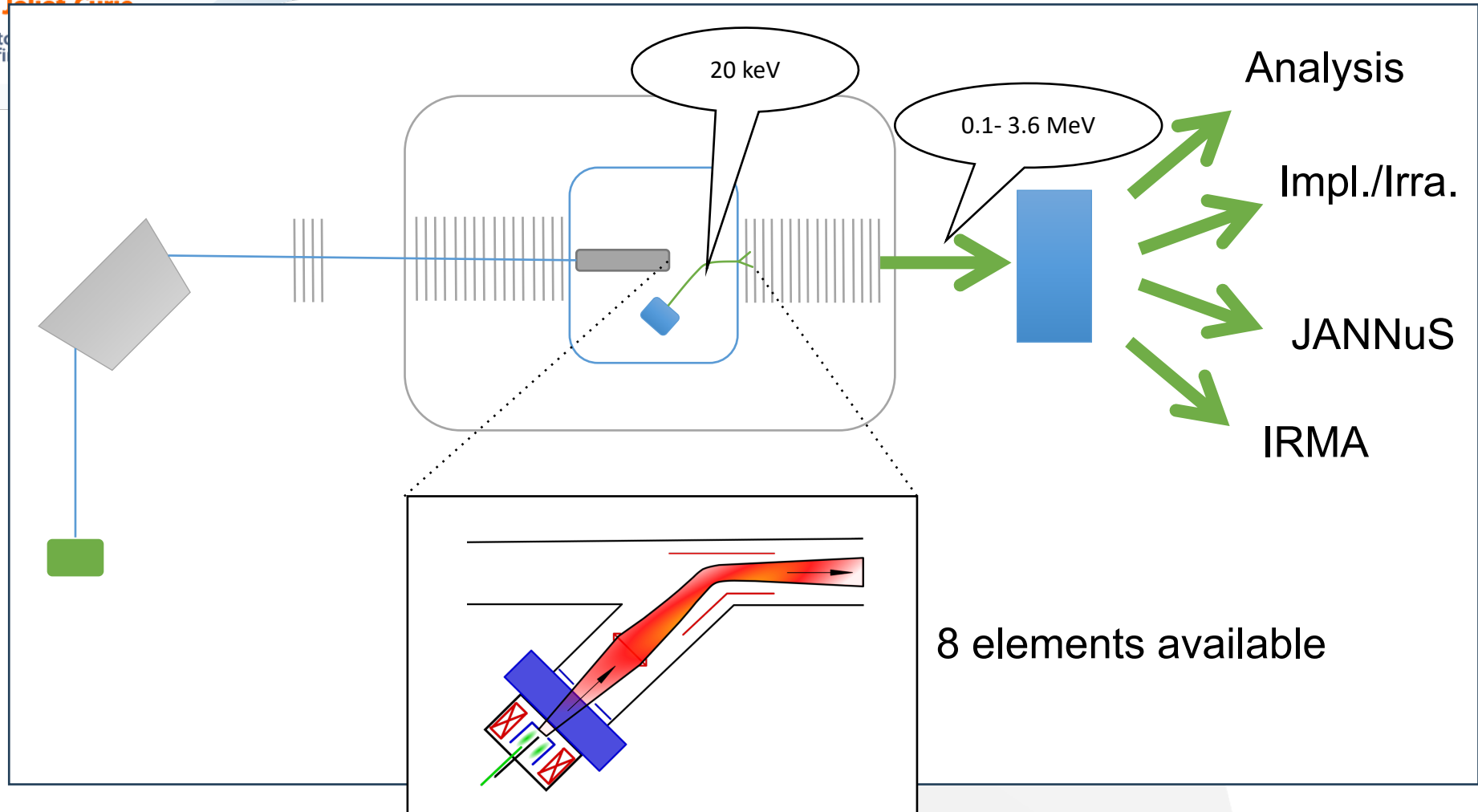
## Bernas-Nier ion source

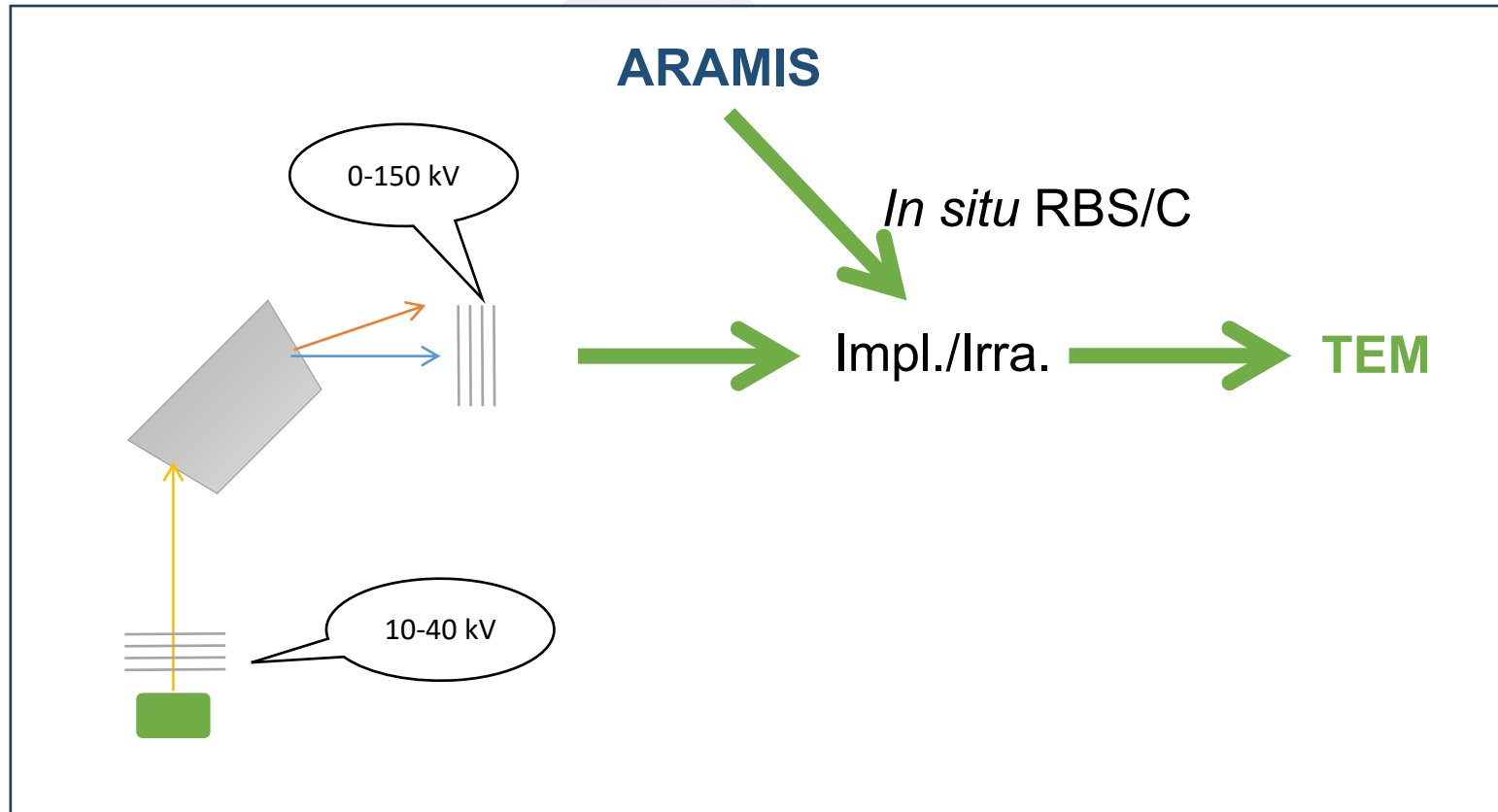
- all elements potentially available
- $1+, 2+, 3+$
- $\rightarrow \text{few mA}$

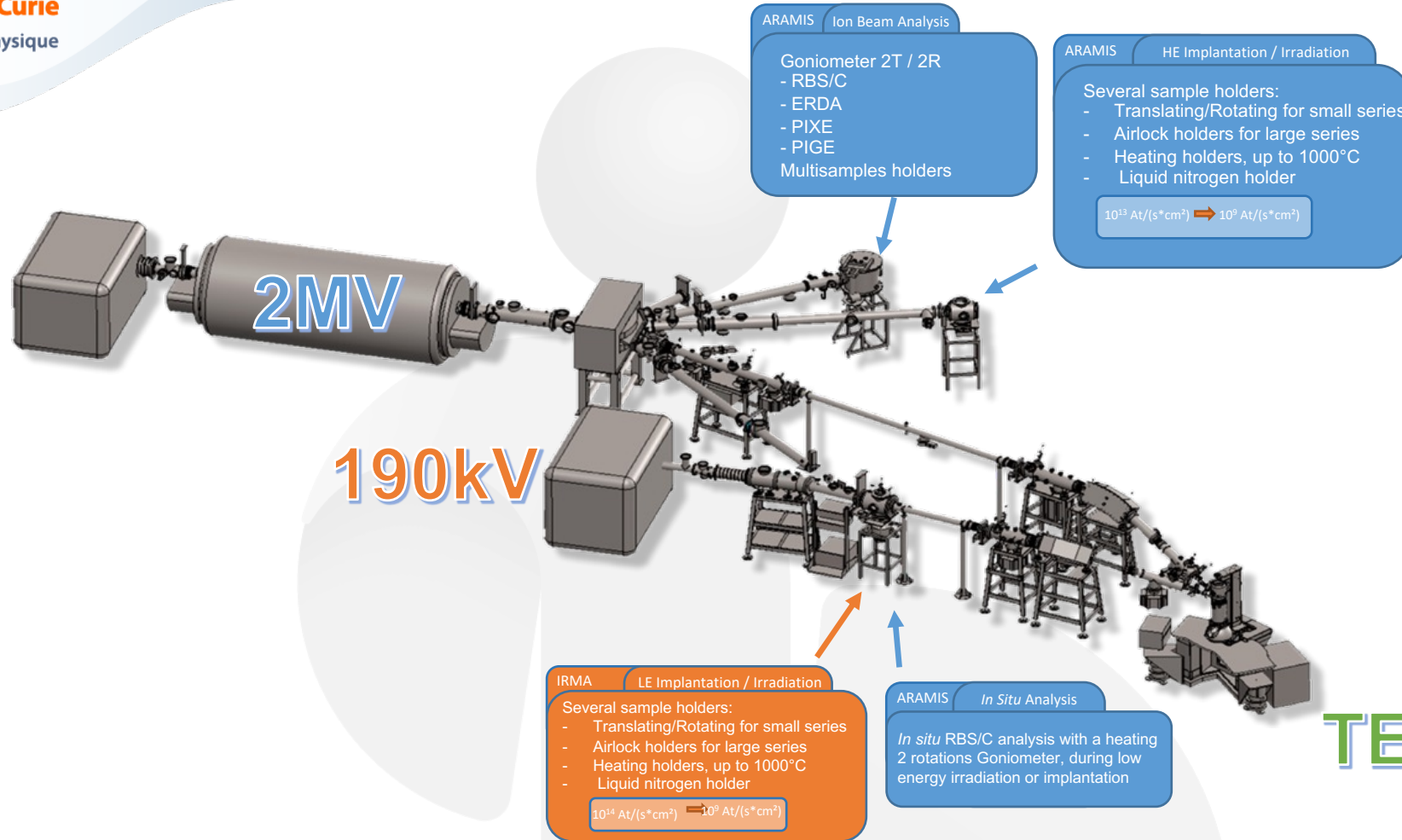
**IRMA, Sidonie, Némée**





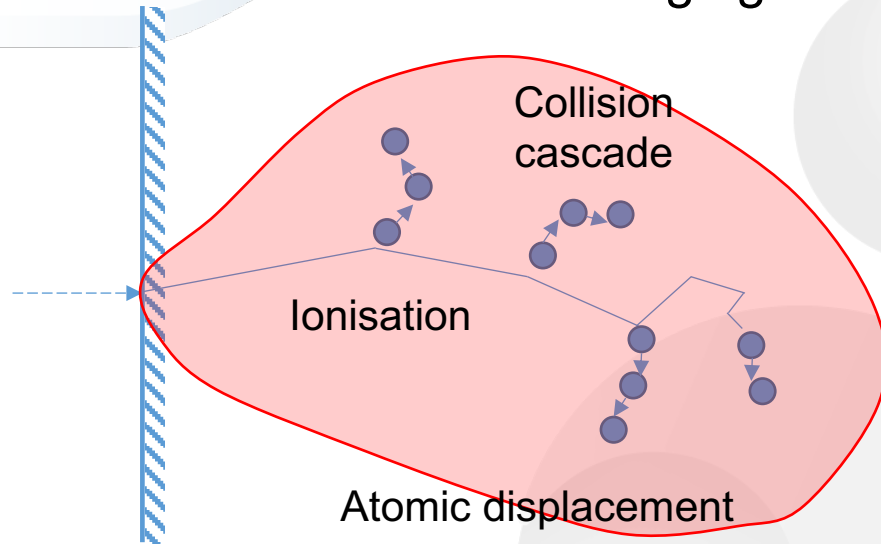




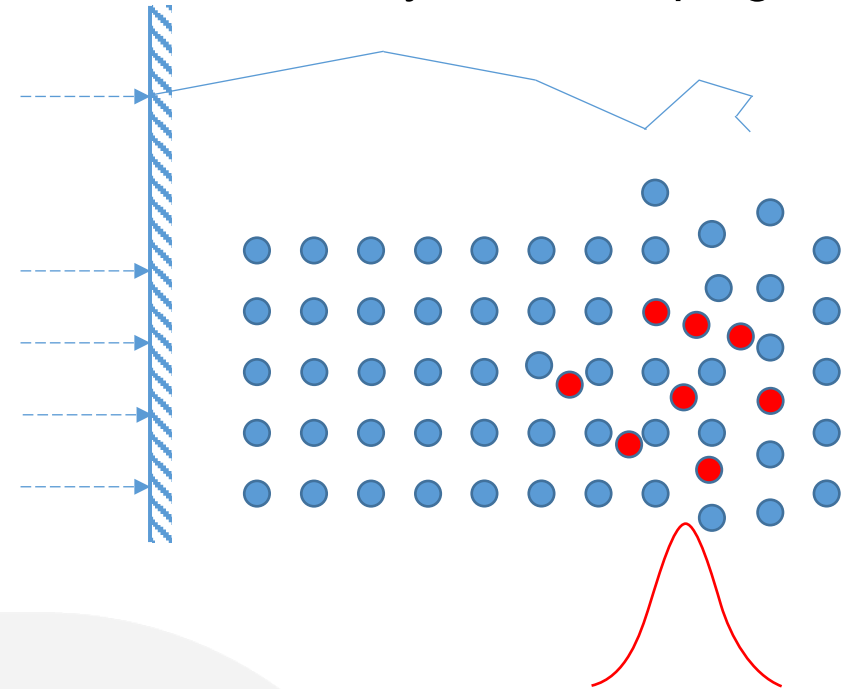


**TEM** → **Cédric**

## Material damaging

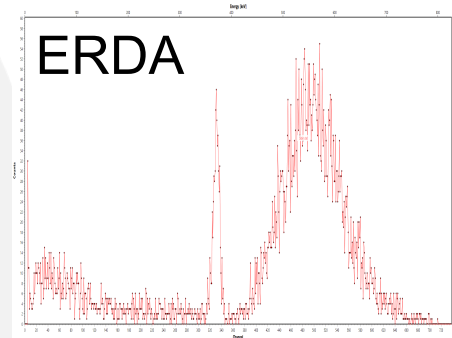
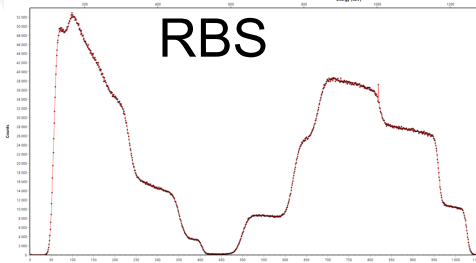
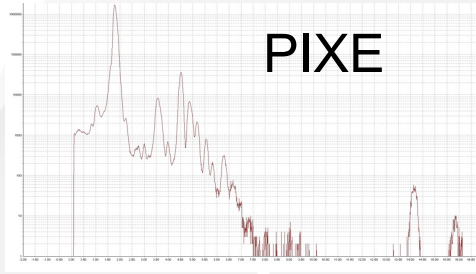
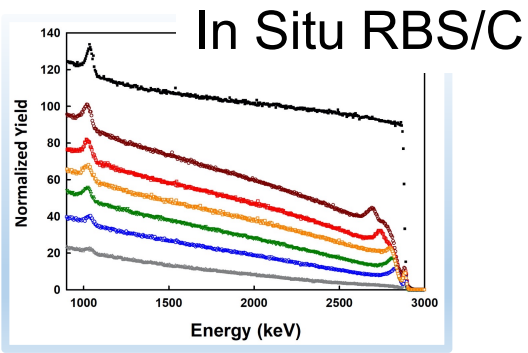
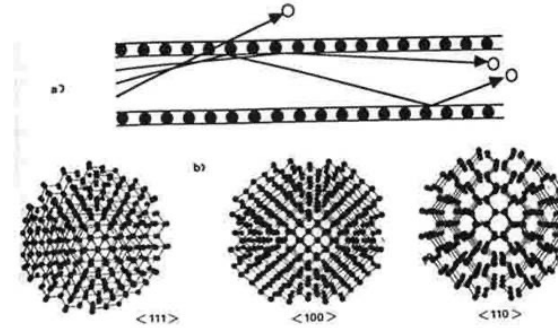
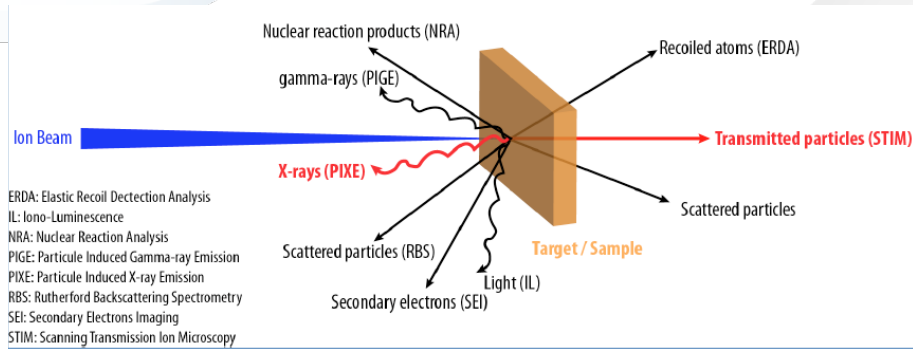


## Material synthesis/doping



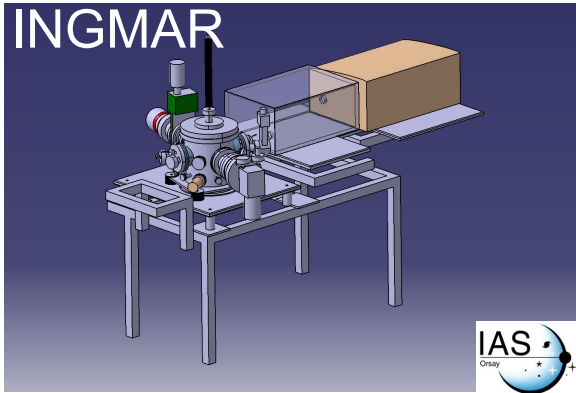
**TODAY:** L. LEFORT (14h20), A. DARTOIS (14h20), F. GARRIDO (17h10)  
**TOMORROW:** S. SENGUPTA (9h20), D. RAVELOSONA (10h00), M. TUPIN (10h20),  
S. JUBLOT-LECLERC (11h30), G. DA ROLD (11h50), T. ALLARD (12h10)





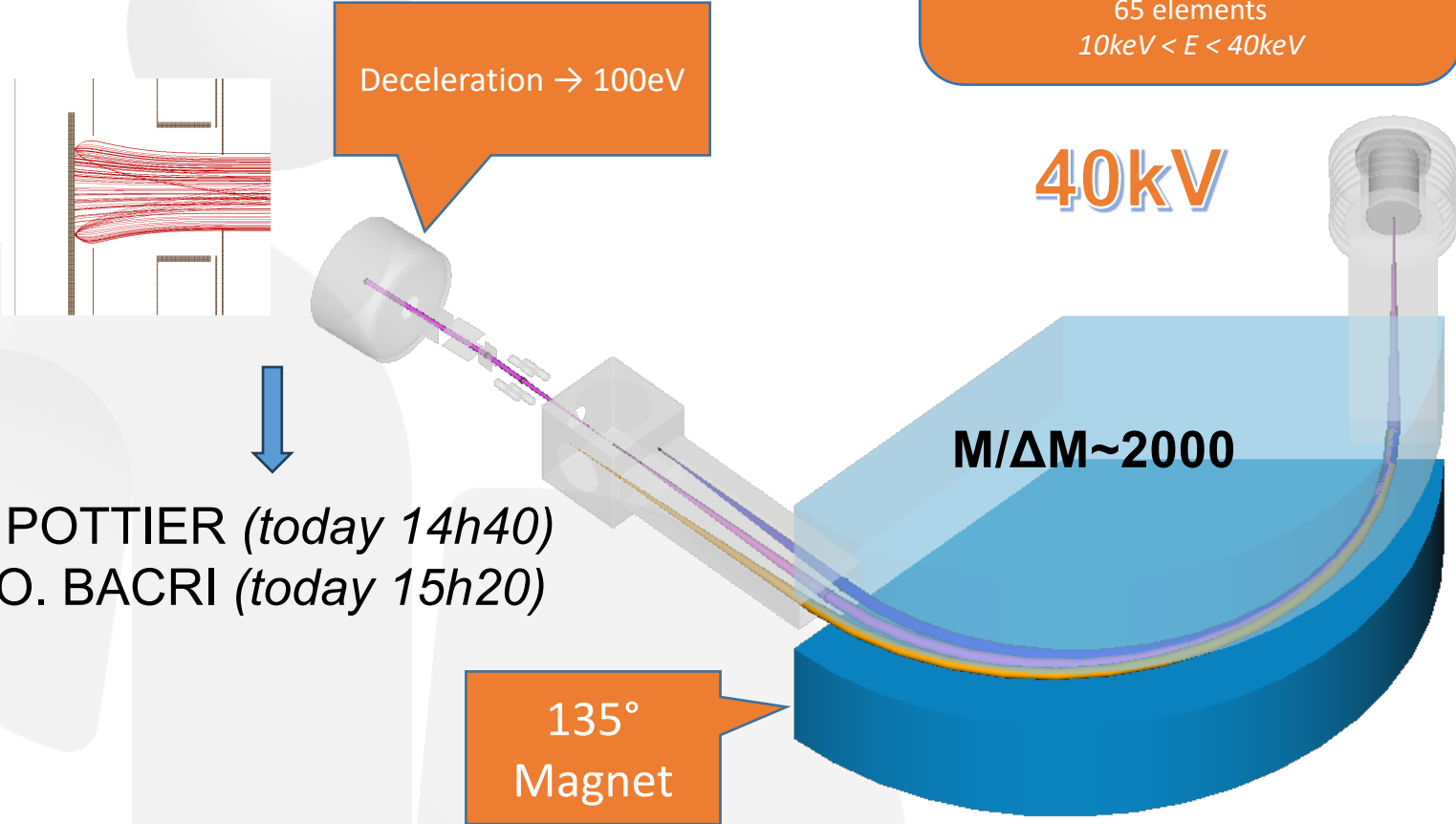
**TODAY: F. GARRIDO (17h10)**

*In Situ* infrared spectroscopy



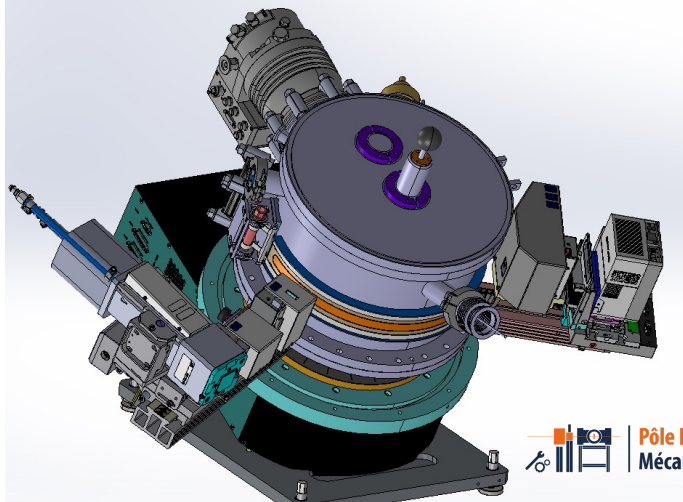
C. LANTZ (tomorrow 12h30)

Implantation or deposit with high isotopic purity beams

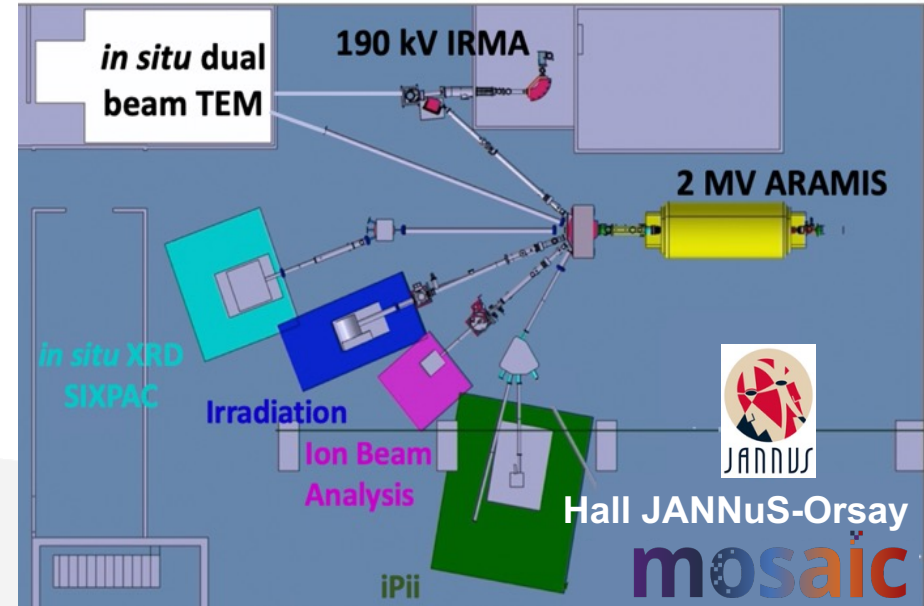
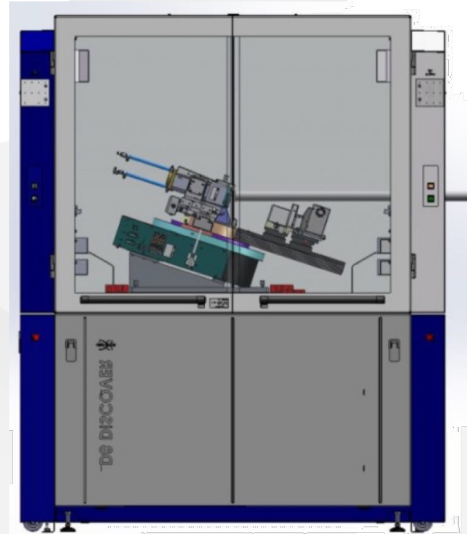


M. POTTIER (today 14h40)  
C.O. BACRI (today 15h20)

# Setup for *In situ* X-ray diffraction coupled to an ion ACcelerator



Pôle Ingénierie  
Mécanique



## Moving of the 400kV Implanter from Lyon

