UED operation

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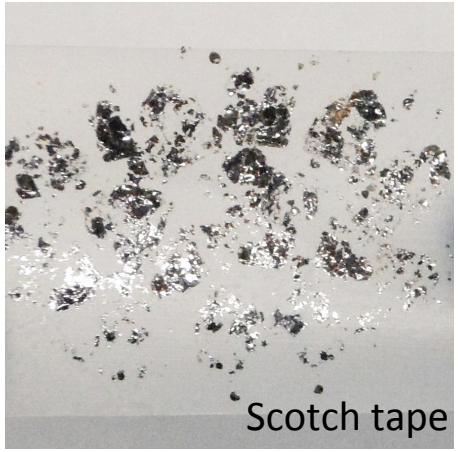
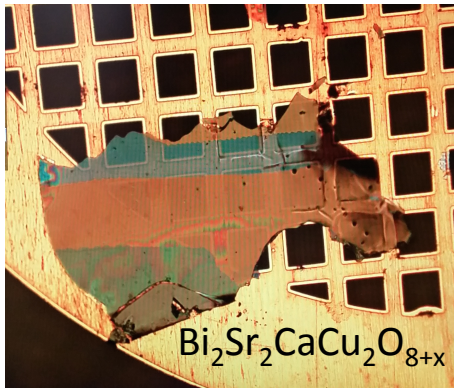
30 June 2016
ESRC Presentation

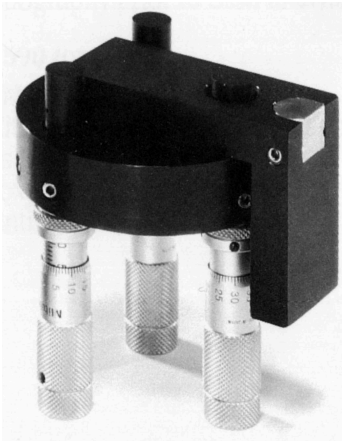
Specimen preparation

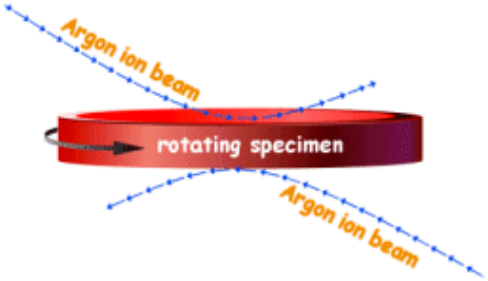
exfoliation



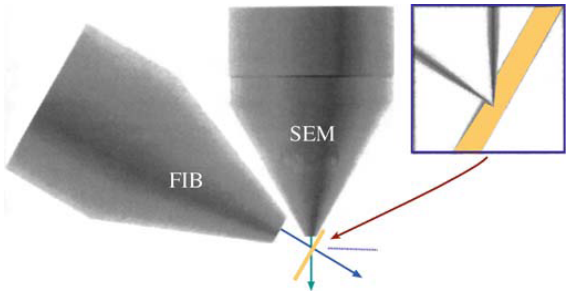


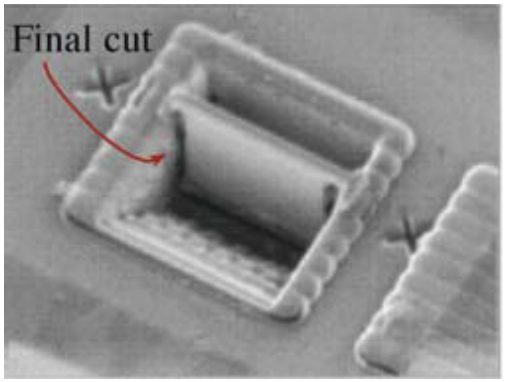
Polishing, ion milling



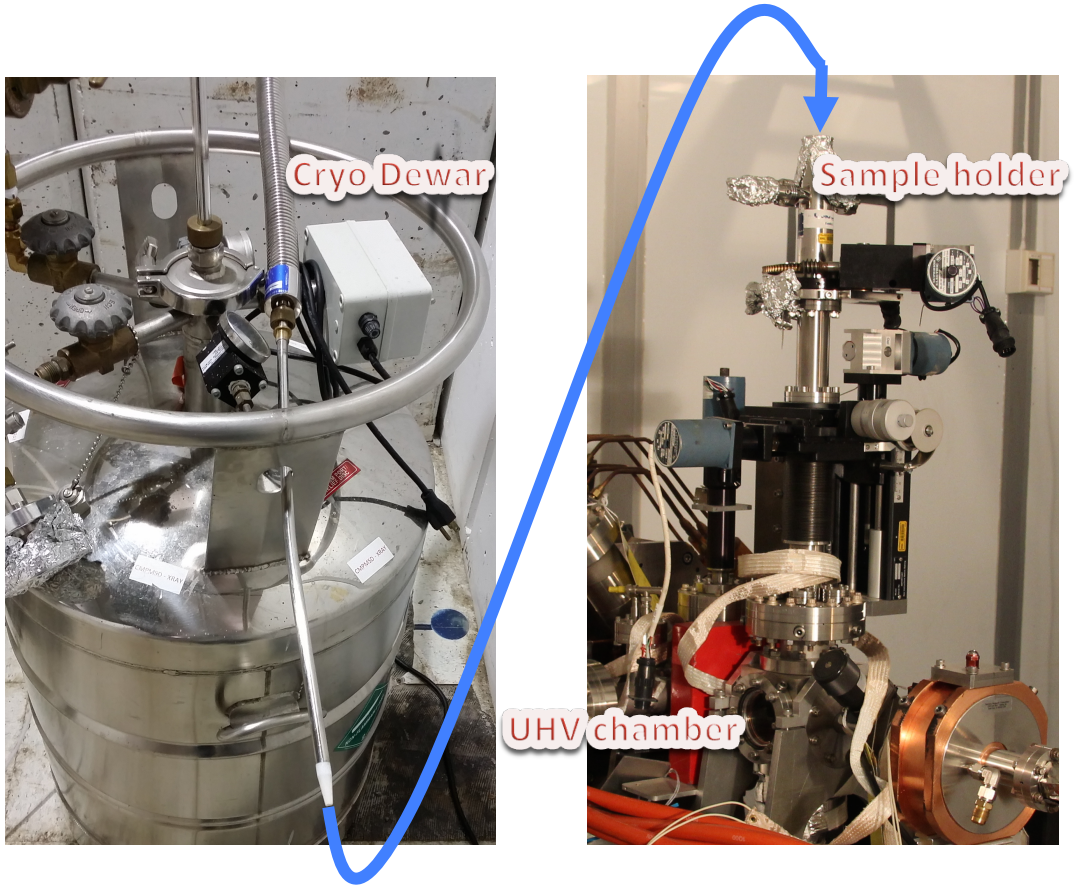


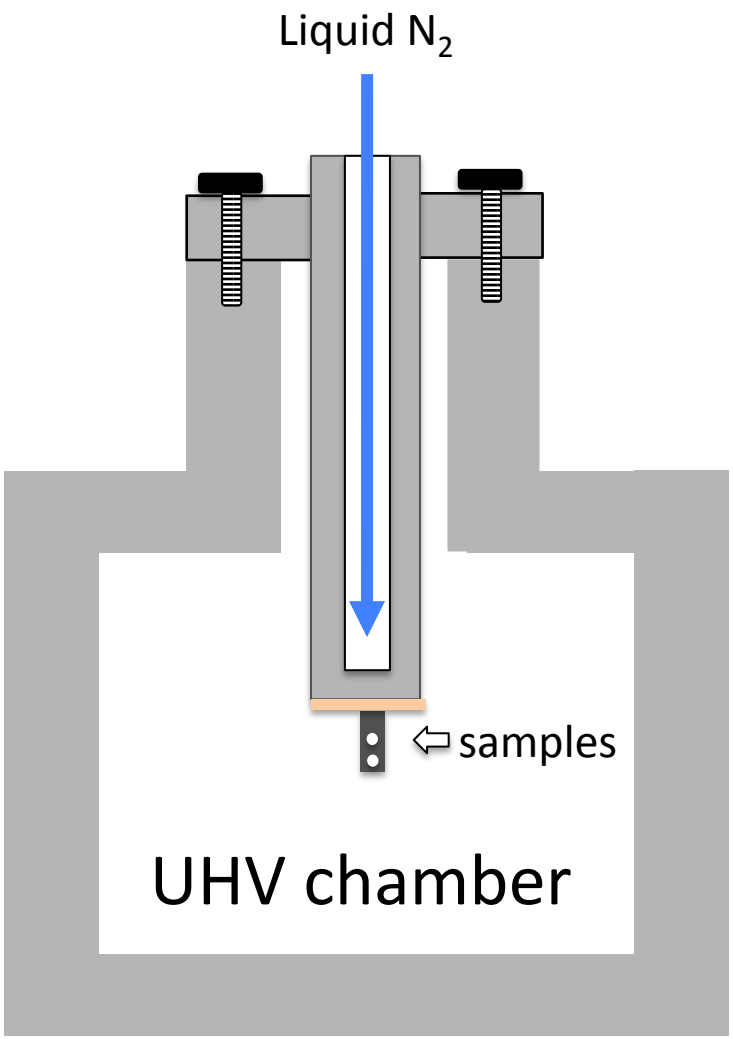
FIB



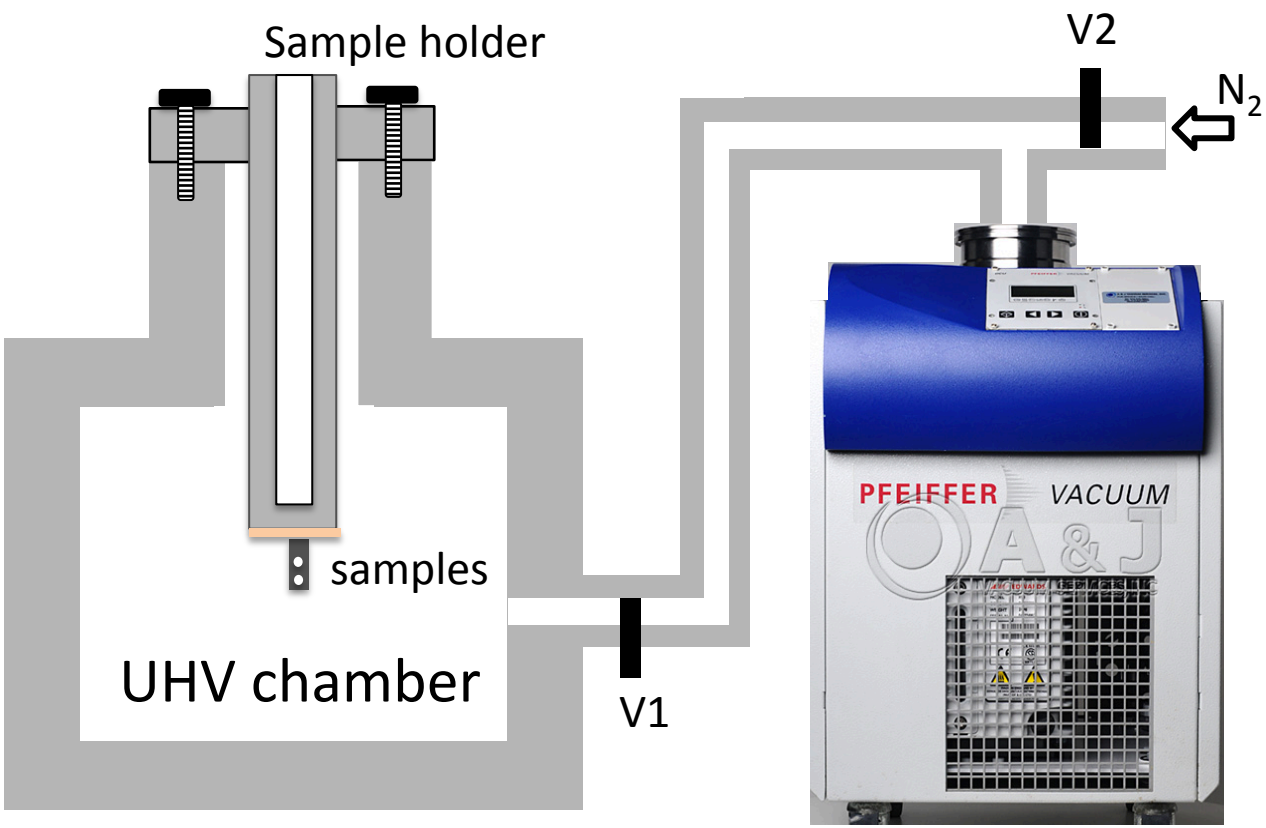


LN_2 cooling


Cryo Dewar
Sample holder
UHV chamber

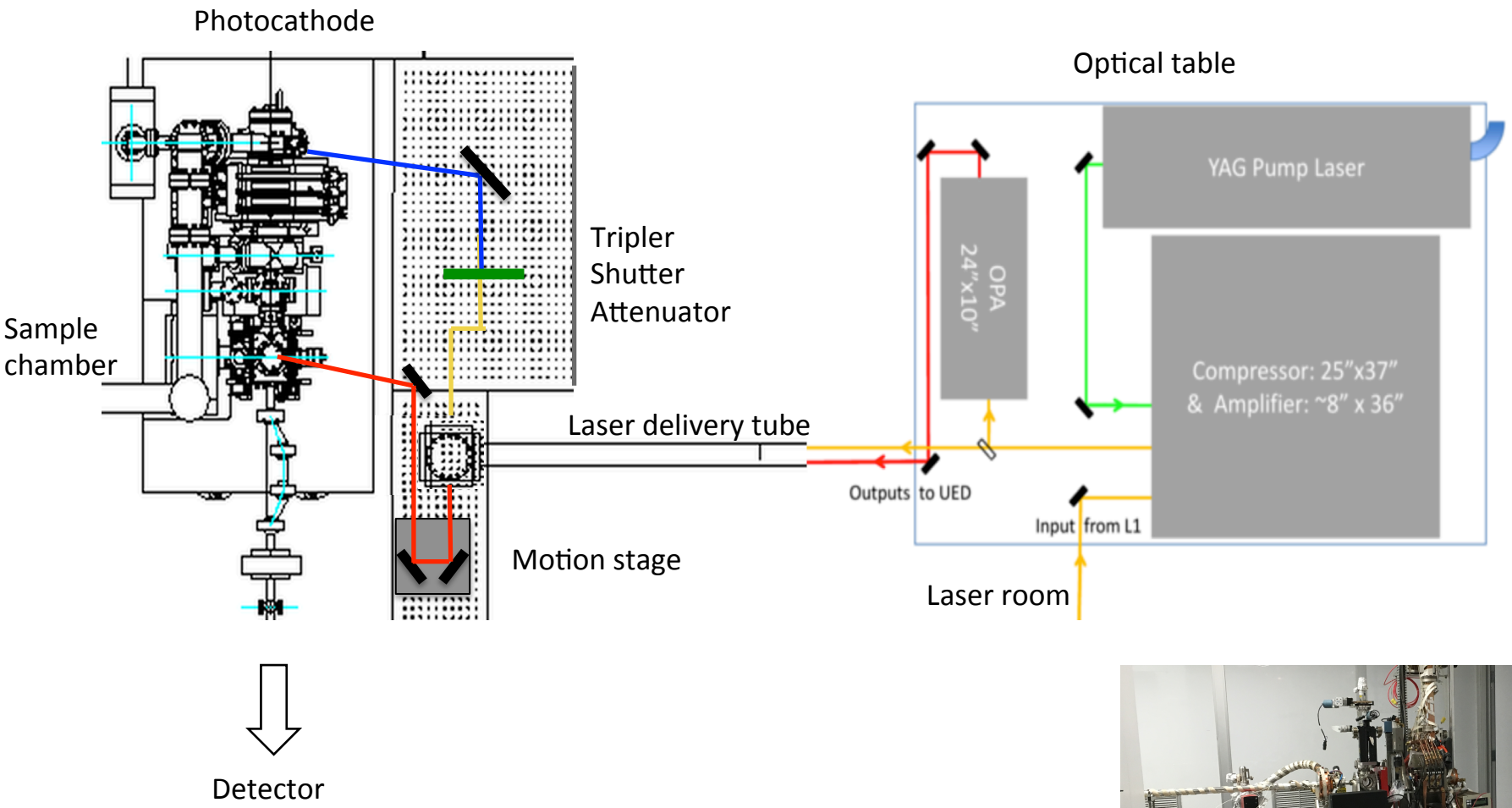

Liquid N_2
samples
UHV chamber

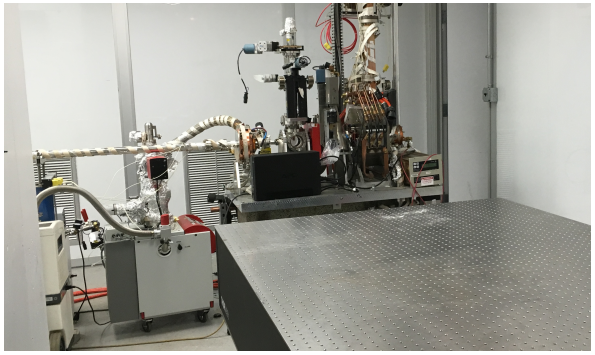
Sample loading



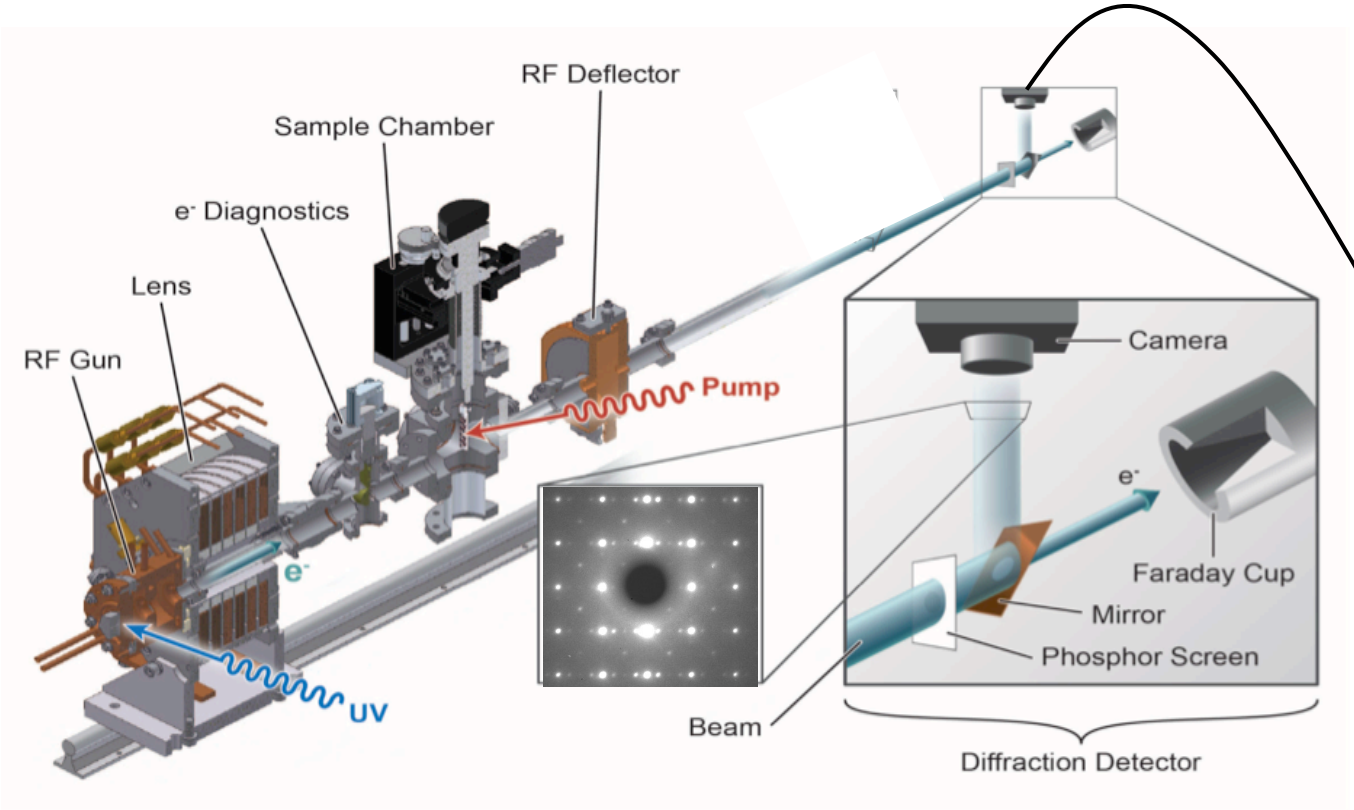
1. Close V2
2. Turn on pump
3. Open V1
4. Open N_2
5. Open V2
6. Turn off pump
7. Take out sample holder
8. Change sample
9. Put back sample holder
10. Close V2
11. Turn on pump
12. Close V1
13. Open V2
14. Turn off pump
15. Close N_2

Laser alignment





MeV-UED data taking



Setting time delay and integration time