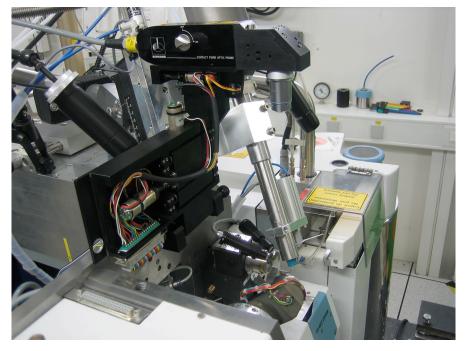


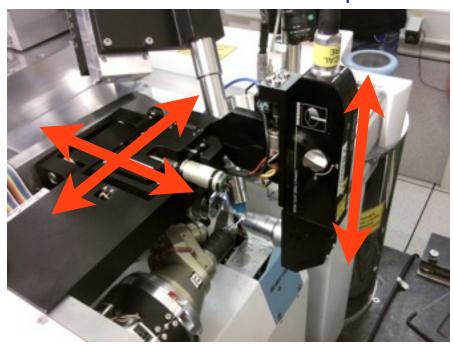


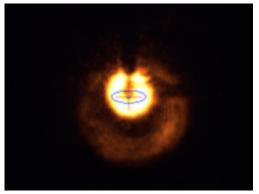
## SPECIAL SETUP

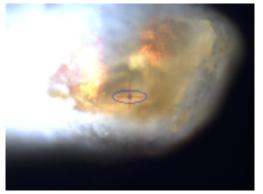
## Probe out - Diffraction data colletion



# Probe in - Record Raman spectra

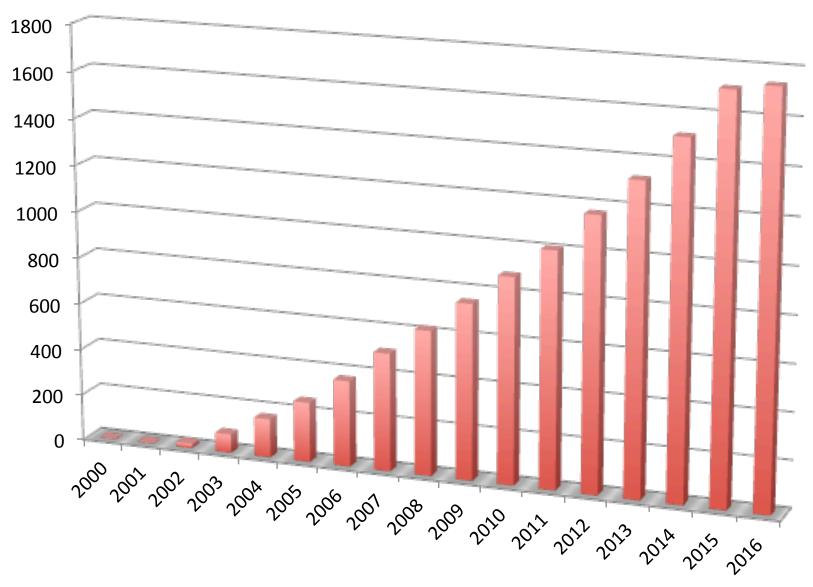




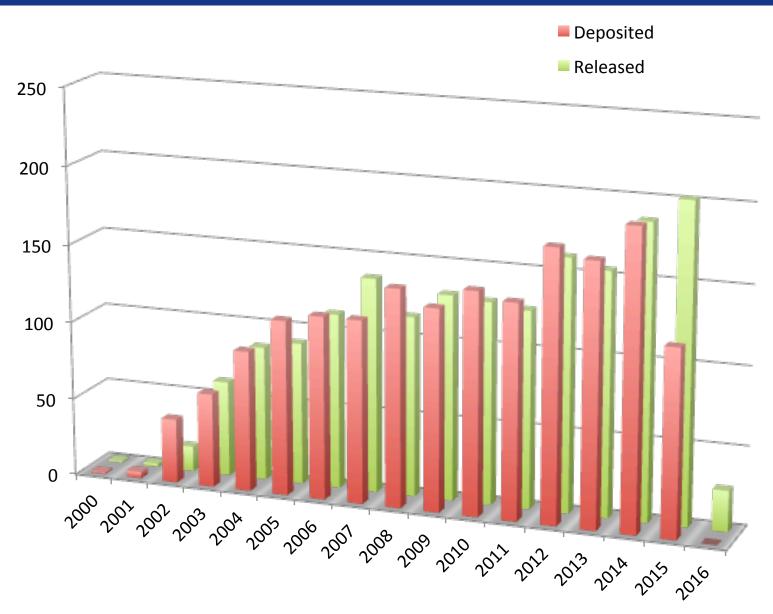




### TOTAL PDB DEPOSITED



## **DEPOSITION PER YEAR**

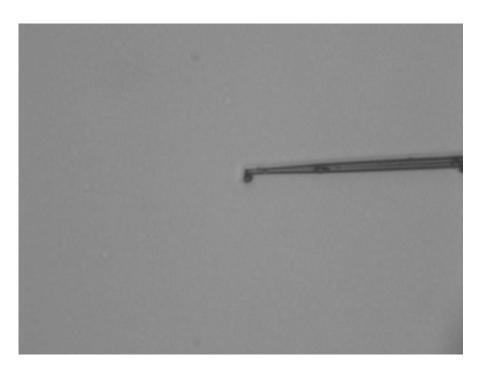


#### RECENT NEWS

- Maintenance of OAV
  - Cleaning and replacement parts
- Upgrade to new control software for motors in EH
  - No more Spec (blue window)
  - Bliss in principle accessible and needed only by LC

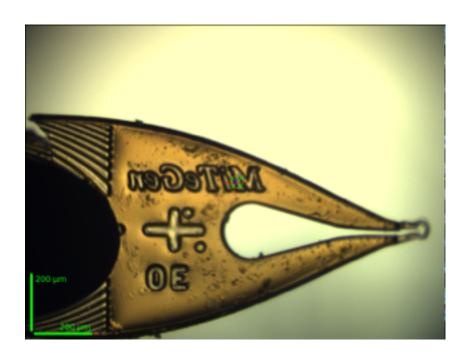
## OAV MAINTENANCE

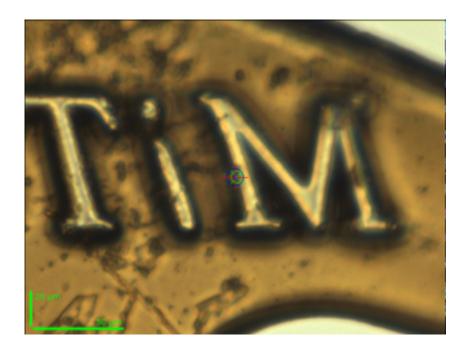
**Before** After





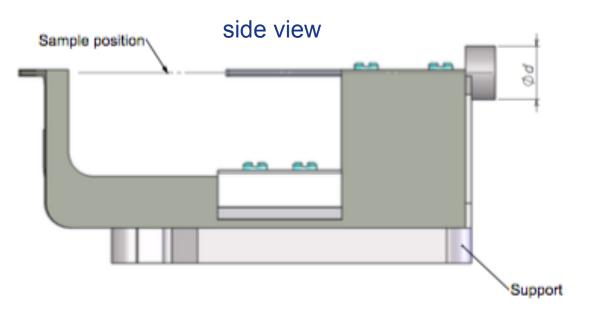
Zoom 3 Zoom 10

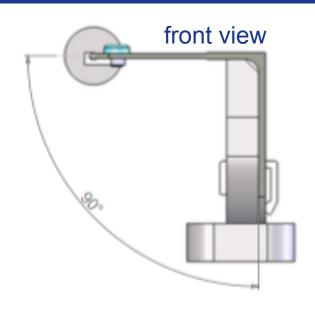


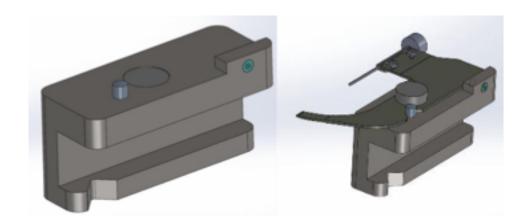




## **NEW STUFF**



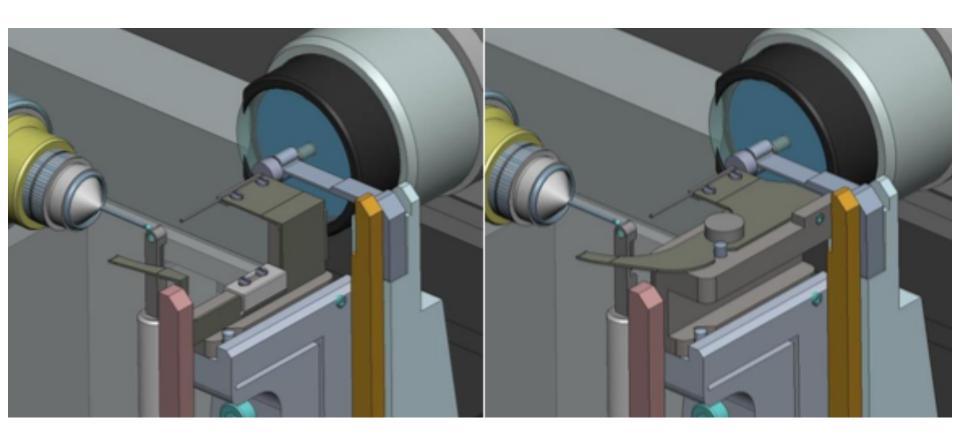




Adapter piece - easy swap between two beamstops



# NEW STUFF



90 deg beamstop

classic beamstop



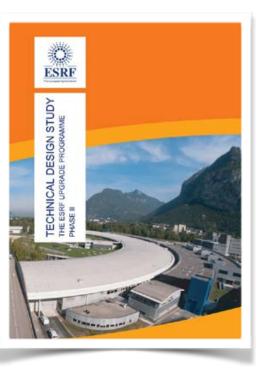
### **TO COME IN 2016**

- Replacement of beam monitors after mirror (in OH)
- Replacement of slitbox (in EH) with commissioning of new XBPM
- Upgrade of PMAC CPU card to 240 MHz

• ...







	Current	New lattice	New lattice (50:1)
Source size (um2)	59 x 8.3	27.2 x 3.4	27.2 x 3.4
Divergence (urad2)	107 x 3	5.2 x 1.4	5.2 x 1.4
Demagnification	3:1	3:1	50:1
Beamsize @ sample (um2)	50 x 30	8 x 2	0.5 x 0.1
Flux @ sample (ph/s)	1 x 10^13	1 x 10^14	1 x 10^14
Flux density @ sample (ph/s/um2)	6.6 x 10^9	8 x 10^12	2 x 10^15

http://www.esrf.eu/home/about/upgrade/ESRF-EBS-call-expressions-of-interest.html

