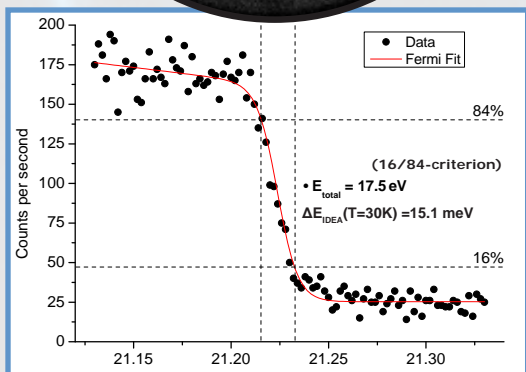
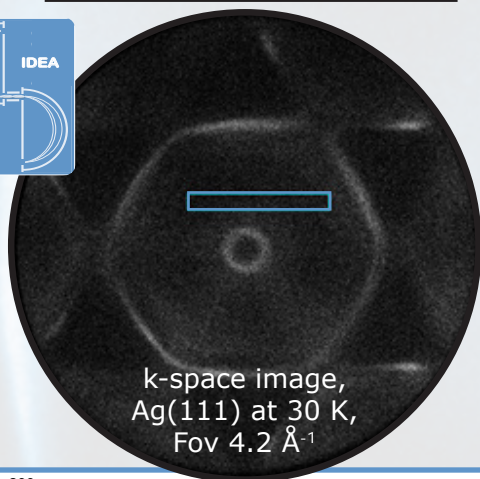
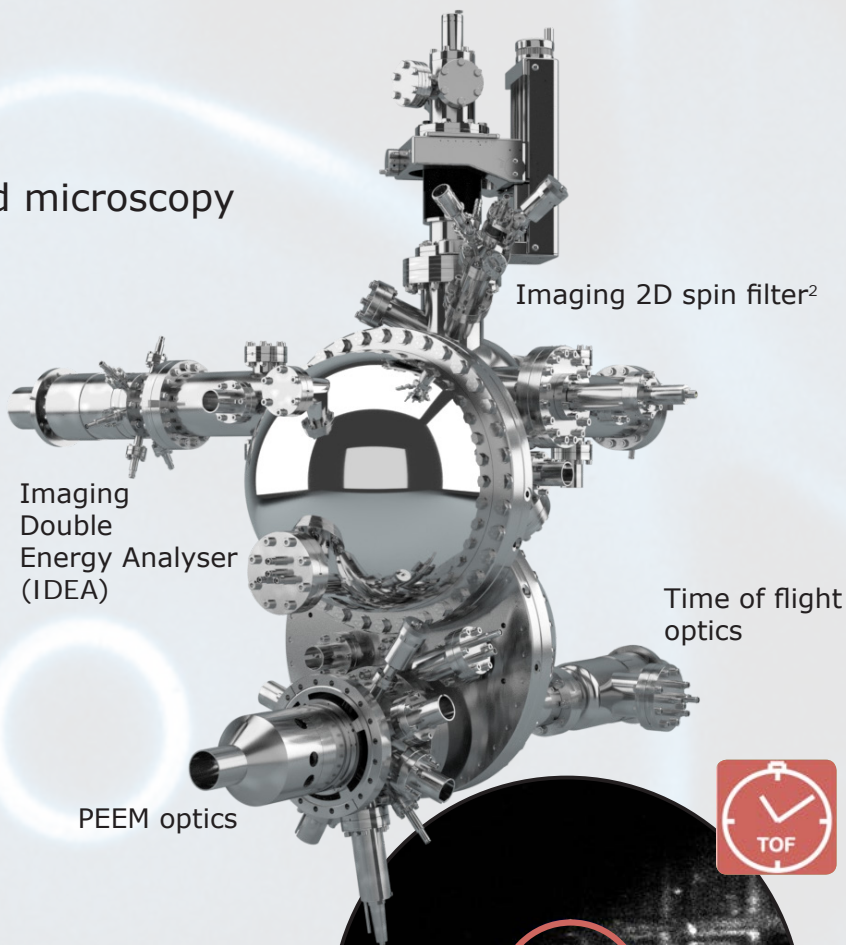


ELI-ALPS¹ receives NanoESCA III NEXT GENERATION PHOTOEMISSION TOOL

All in one:

- Energy-filtered real-space & momentum microscopy
- Time-of-flight / time resolved microscopy
- 2D spin resolved imaging²

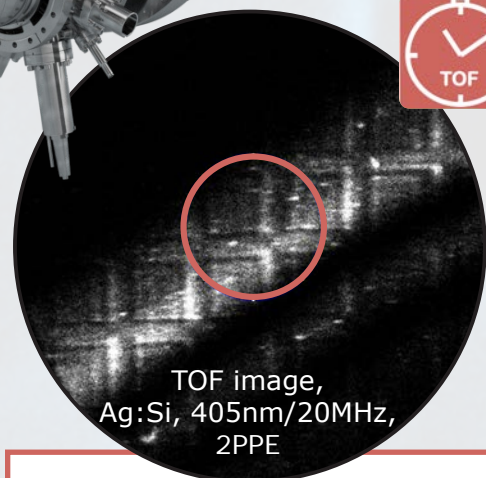
Δr	30 nm
ΔE_{IDEA}	15 meV
Δt_{TOF}	88 ps
Δk	8.6 m\AA^{-1}



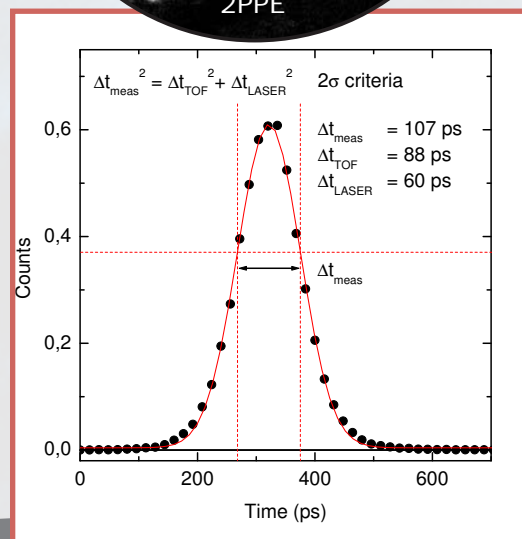
Imaging Double Energy Analyser (IDEA)

PEEM optics

Time of flight optics



Spin asymmetry contrast of an iron poly crystal (4.9eV UV source, dE 100meV, FoV 66 μm , 400 sec acquisition time)



¹ ELI-ALPS: www.eli-alps.hu

² Protecting German Patents: DE102005045622B4, DE102010010981B4, legal and technical rights secured by sublicensing from the Surface Concept GmbH

Our partner and sales contact for system integrated solutions is **scientaomicron**

For further details please visit:
www.scientaomicron.com | www.focus-gmbh.com

