

SUCCESS STORY: 12-ID SMALL ANGLE X-RAY SCATTERING (SAXS) FLIGHT TUBE

Byeongdu Lee

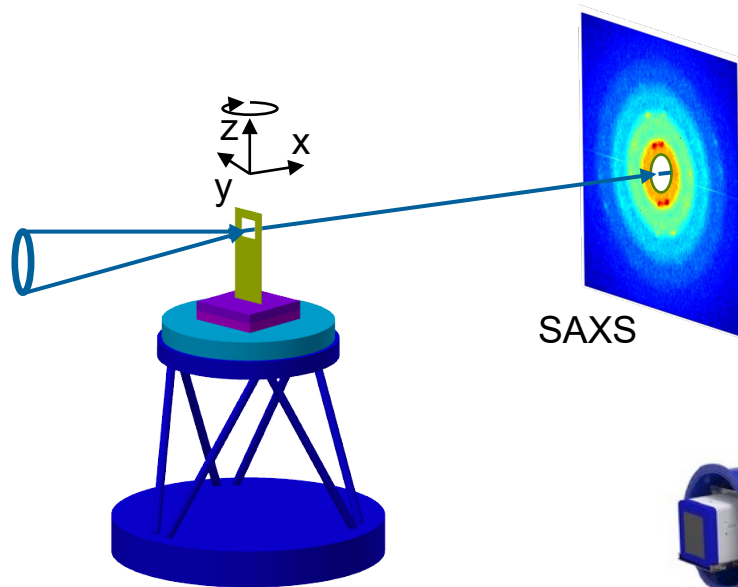
Physicist, Group Leader, X-ray Science Division



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SMALL/WIDE ANGLE X-RAY SCATTERING



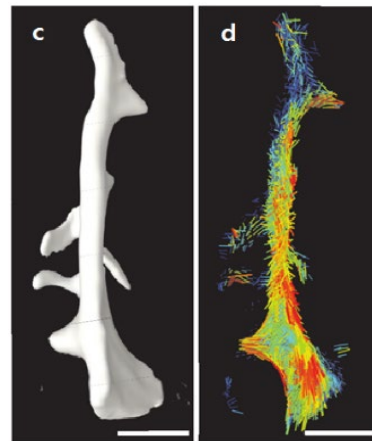
SAXS

CMS group: Soenke Seifert, Byeongdu Lee



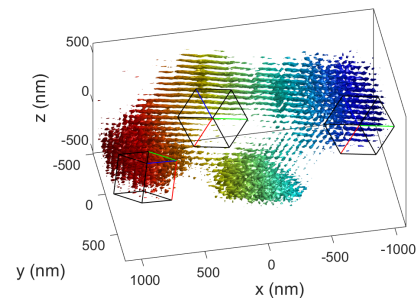
Designed by
Oliver Schmidt

Co-SAXS/Ptychography
MIC group: Junjing Deng, Yudong Yao, Yi Zhang, Joseph McCourt



SAXS Tomography

Liebi, M., et al., Nature, 2015.
527(7578): p. 349-352

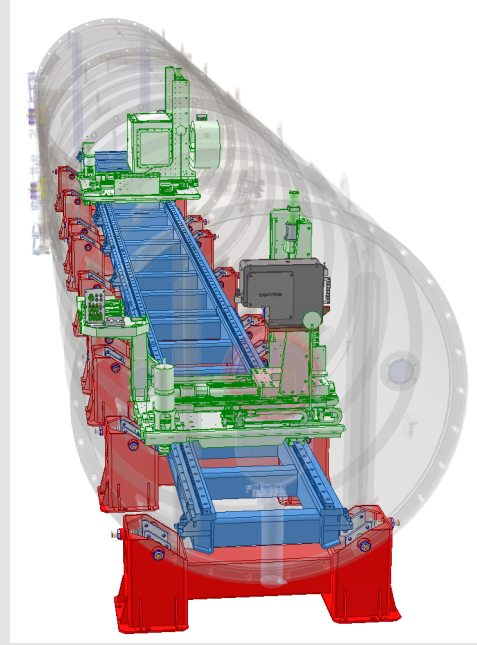
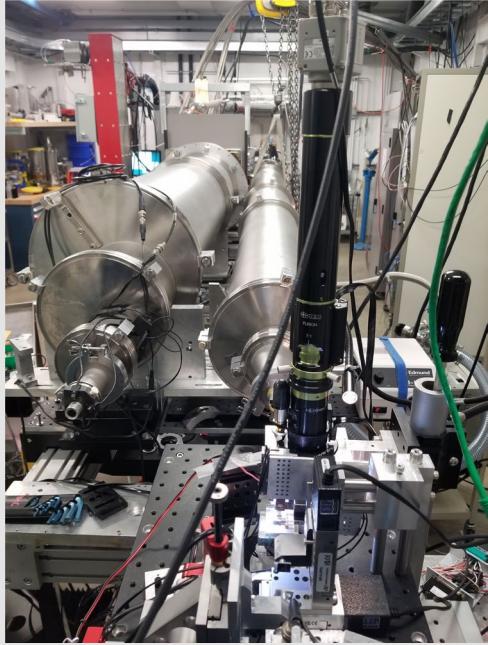


Ptychography/SAXS

Zheng et al. ACSnano
2023, 17:15999

12-ID-C/D SAXS BEAMLINE

March 2023



12-ID-E HIGH RESOLUTION SAXS BEAMLINE



Fabricated by AVS
Tech Rep: Oliver Schmidt, Jonathan Knopp
CMS group members: Soenke Seifert, Alexis Quental,
Chuck Kurtz, Xiaobing Zuo



Installation:
APS: Robert Winarski, Clay White, Riggers, Survey, and Techs.
Floor coordinators, ESH, and so on.
AVS US, AVS Spain, and Stevens