

Nanofabrication of platinum structures for x-ray imaging

X-ray optics are necessary components of high-resolution X-ray imaging. These optics often consist of high-Z metal nanostructures. This is where this project kicks in! It will be a multidisciplinary and hands-on project where you will both design and fabricate nanostructures in platinum to be used with diffractive X-ray optics.

Your devices will be realised from scratch with lithography in the AlbaNova nanofabrication facility (<https://albanova-nanolab.org>), followed by our groups very own electroplating setup.

Join and learn about X-ray optics, experiment design, device fabrication and try out working in a cleanroom environment.

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