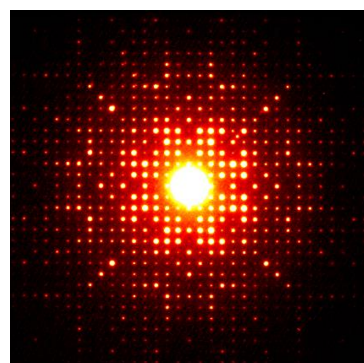


# SU IMAGING DAY 2023



28 September

A unique opportunity to discover all of SU's imaging facilities for material and biological sciences

## 9:00-10:00 Imaging facility presentation by managers

- C. Molenaar from IFSU - IFSU, Imaging Facility @ Stockholm University advanced light microscopy at your doorstep
- C. Peuckert from IVMSU at MBW - IVMSU- a SU and national node for Intravital and Non-linear Optical Imaging
- T. Zhou from SUBIC - Introduction to SUBIC X-ray microscope with examples of running projects

## 10:00-10:20 Coffee break

## 10:20-11:20 Imaging facility presentation by managers

- J. Li from MACAL at MMK - Atomic Force and Scanning Probe Microscopic methods for Materials and Life science - an update.
- K. Jansson from EMC at MMK – Scanning electron microscopy at EMC – Imaging and element mapping
- T. Willhammar from EMC at MMK – Transmission electron microscopy at EMC – Imaging and diffraction

## 11:20-11:30 Leg stretcher

## 11:30-12:00 Talks by PIs

- R. Foster (DEEP, SU) – Imaging for marine biology
- E. Baird (Zoology, SU) - Using imaging to understand habitat adaptations in insects

## Inauguration of new SEM facility at EMC, SU

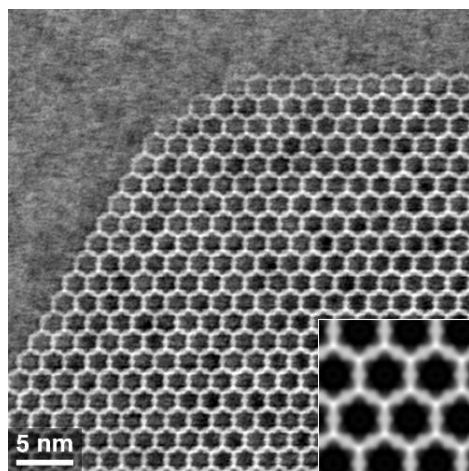
### 13:30-15:00

- G. Svensson (MMK, SU) - Welcome and short presentation of EMC
- Y. Akil (JEOL) – Introduction to the new SEM and examples of work
- F. Leroux (Leica Microsystems) – A sample preparation walk-through
- A. Ziolkowska (Umeå University) - Cryo ultra microtome sectioning
- L. Eisele (Fraunhofer Institute) – First steps using Soft X-Ray Emission Spectroscopy for lithiated Silicon-based Anodes

### 15:00-15:20 Coffee break

### 15:20-17:00

- Tour of the new SEM and sample preparation equipment at MMK, SU.



28th of September - 9:00 to 17:00  
Room: Vivi Täckholmssalen P100  
Follow the QR code for registration

