

# Inauguration Symposium

## nCHREM

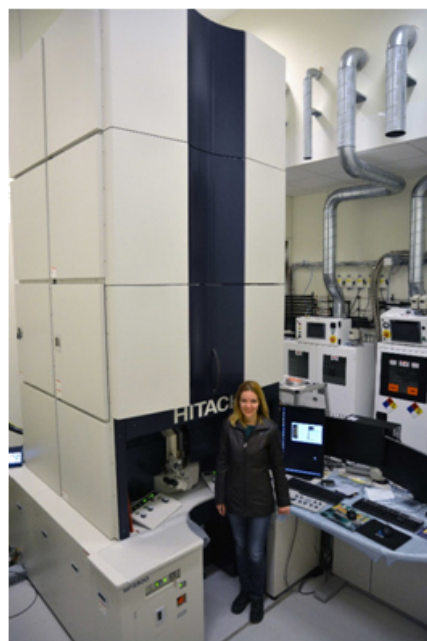
the National Center for High Resolution Electron  
Microscopy, Lund University, Sweden

The Chemistry Center, Lecture Hall A  
April 12, 2018

### 75 Years of Electron Microscopy in Sweden



Fritiof Sjöstrand operating the Siegbahn  
electron microscope. From Svenska  
Dagbladet, July 17th, 1943



The Hitachi 3300 ETEM at  
nCHREM, Lund 2018

# Symposium on High Resolution Electron Microscopy 12-13 April 2018

Celebration of the new Environmental TEM at nCHREM, and 75 years of EM in Sweden

Preliminary program:

## Thursday, April 12, 2018 Lecture Hall A

- 09.30 Coffee outside lecture hall A  
10.00 Welcome! **Reine Wallenberg**  
10.10 Head of Science Faculty **Prof Sven Lidin**  
10.15 SSF CEO **Lars Hultman**  
10.20 Nano Lund, **Heiner Linke**  
10.25
- 10.30 **Hon. Dr Frances Ross**, IBM, Yorktown Heights  
The evolution of environmental TEM for semiconductor growth
- 11.15 **KAW Fellow, Prof. Kimberly Dick Thelander**,  
Future plans for ETEM in Lund
- |   |
|---|
| 12.00 <b>Free buffet lunch for participants at Café Ester</b> |
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- 13.00 **Ian H. Cotton**, President of Hitachi High-technologies Canada  
In situ Microscopy – Nano-alchemy and the Art of Observation using TEM, STEM and SEM
- 13.30 **ARTEMI - the Atomic Resolution TEM Infrastructure network of Sweden**  
13.30 **Per Persson** Linköping University  
13.45 **Gunnar Svensson** Stockholm University  
14.00 **Jonas Weissenrieder** Royal Institute of Technology, Stockholm  
14.15 **Eva Olsson** Chalmers Technical University, Gothenburg
- 1430 **Coffee**
- 15.15 **Dr. Elisabetta Fiordaliso**, Center for Electron Nanoscopy, DTU, Denmark  
Environmental electron microscopy studies of nanoparticle catalysts
- 15.45 **Prof. Jordi Arbiol** ICREA and Catalan Institute of Nanoscience and Nanotechnology (ICN2),  
CSIC and BIST, Barcelona  
Free-standing nanostructures at atomic scale: from growth mechanisms to local properties
- 16.15 **Dr. Federico Panciera**, C2N CNRS Univ. of Paris-Saclay  
Silicon liquid surface ordering
- 16.45 **Refreshments and further discussions (at nCHREM)**  
17:30 **Site visit at nCHREM, the national Center for High Resolution Electron Microscopy**

## Friday, April 13

10.00-12.00 Lecture hall K:G  
PhD short talks, and contributed talks. Possibility for extra guided tours,  
Speakers: Marcus Thornberg, Axel Persson, , Martin Ek, Sara Thorberg , Maryam Khalilian, Erik Mårtensson, Daniel Jacobsson, Crispin Hetherington.

Reply to [reine.wallenberg@chem.lu.se](mailto:reine.wallenberg@chem.lu.se) by **12.00 MONDAY 9<sup>th</sup> April** at the latest!  
Notify if you have any food allergies or preferences.