



Union Internationale Pour La Science, La Technique et Les Applications du Vide
International Union for Vacuum Science, Technique and Applications
Internationale Union für Vakuum Forschung, Technik und Anwendung

IVC-21 Short Courses

June 30, 2019

[Reactive magnetron sputter deposition](#)

Instructor: Diederik Depla

[Vacuum Gas Dynamics: Theory, Experiments and Applications](#)

Instructors: Irina Graur, Oleg Malyshev, and Felix Sharipov

[Thin Film Nucleation, Growth, and Microstructure Evolution](#)

Instructor: Joe Greene

June 30-July 1, 2019

[X-Ray Photoelectron Spectroscopy \(XPS/ESCA\) – first day](#)

[X-Ray Photoelectron Spectroscopy \(XPS/ESCA\) – second day](#)

Instructor: John T. Grant

July 2, 2019

[QUASES-Tougaard XPS-Workshop](#)

Instructor: Sven Tougaard

[Scanning Probe Microscopy](#)

Instructor: Franz Giessibl

July 3, 2019

[Recent Developments in Synchrotron Radiation](#)

Instructor: Maria C. Asensio

July 3-4, 2019

[CasaXPS: Understanding XPS from Measurement to Scientific Answers – first day](#)

[CasaXPS: Understanding XPS from Measurement to Scientific Answers – second day](#)

Instructors: Vincent Fernandez and Neal Fairley

July 4, 2019

[Nucleation and Growth of Nanostructures](#)

Instructor: Joe Greene

For information and registration:

https://www.mkon.nu/IVC21/short_courses
https://www.mkon.nu/IVC21/registration_short_courses

There is a reduced fee for group registrations from the same lab and with IVC21 registration
For information contact Professor Ulf Helmersson (ulf.helmersson@liu.se)
