



Prof. Ib Chorkendorff

Director of the Danish National Research Foundation's Center for Individual Nanoparticle Functionality (CINF)

Consulting Professor, Technical University of Denmark

Professor Chorkendorff's research focuses on the fundamental aspects of catalysis in relation to large scale production like the methanol synthesis process, the steam reforming process and ammonia synthesis, but also processes in relation to energy production are of great interest. In the latter, the research is focused on designing and realizing new electrode material for fuel cell technology and the reverse process, electrolysis, where hydrogen is produced. The primary production of energy from sun light in the form of hydrogen is a topic of major interest. All the research activities share a fundamental approach to processes on the atomic level developing new nanomaterials with special functionality for the specific use.

The Meloche Lecture series is intended to bring speakers to the department of Chemistry who have a fundamental research interest combined with a strong knowledge of the business and academic areas. The Lectureship is an endowed lecture series honoring the memory of Professor Villiers W. Meloche, one of the first people to recognize the importance of instrumentation for some of the earliest work in environmental water chemistry. He was also a dedicated teacher who developed one of the first instrumental analysis courses.

Materials Lecture

“Water splitting and the making of renewable chemicals”

Monday, November 7, 2016

3:30 p.m.

Room 1315 Chemistry

Reception Immediately Following in the Charter St. Atrium

Physical Chemistry Lecture

“From Surface Science to Nanoparticles: A rational design of heterogeneous and electro-catalysts”

Tuesday, November 8, 2016

11:00 a.m.

Room 1315 Chemistry

Refreshments served prior to seminar

