

VBIK - NYTT

Klubbmöte den 1 februari 2023

Nummer 2

Västerbergslagens Ingeniörsklubb

Februari

Real-time non-destructive characterization of materials at the world's most powerful microscopes



Presentation
will be held in
English

Ahmet Bahadır Yildiz, CEO of Scatterin AB, will introduce industrial applications of synchrotron X-ray and neutron facilities and present how Big Science can be efficiently utilized to solve industrial challenges.

The goals of the industry to become sustainable and sustain global competitiveness require major disruptions in materials and processes. When used efficiently, 62 synchrotron X-ray and neutron facilities around the world, also known as Big Science, have the potential to save the industry years in time to market for innovative processes and materials.

Experiments at the world's most powerful microscopes make materials features that we can't see in our laboratories visible and can significantly cut the time for analysis: 20 milliseconds, instead of 1.5 hours. Such experiments can also be performed in conditions mimicking the real process and service in a non-destructive manner.

TID: ONSDAG DEN 1 FEBRUARI, 2023 kl. 18:00

PLATS: KYRKSKOLANS AULA, Ludvika

Sista anmälningsdag om du vill ha smörgås/dryck är måndag den 30 januari.

Smörgås och öl/ vatten kostar 50 kr och serveras från kl 17.15

Anmälan för smörgås/dryck: Harvey Hammarsten

clubmaster@vbik.se eller 070-678 74 32

Mingel i foajén från ca 17:00



www.vbik.se