

Invitation

Digital Seminar on Computed Tomography

April 22nd, 2021, Teams

Welcome to a second opportunity devoted to the applications of Computed Tomography. The aim with this seminar is to put focus on how 3D-CT can contribute to the design process of creating new materials and components, help to obtain an in-depth analysis and verification etc. During the day you will find several enlightening presentations and listen to CT colleagues from the Swedish Industry, Universities and RISE. Hope to see you there!

The CICT team
RISE Research Institutes of Sweden

Program

09:30-09:45	Samling/check-in	
09:45-10:15	Introduction to CICT	Helena Björk – Project Manager CICT, RISE Measurement Science and Technology
10:15-10:45	RISE engagement in Large Scale Research Infrastructures	Anna Hultin Stigenberg - Senior Director – Advanced Research Infrastructures, RISE Material & Production
10:45-11:00	break	
11:00-11:30	3D/4D quantitative studies using x-ray microtomography: From softwood to hard rock	Fredrik Forsberg, Senior lecturer, Luleå University of Technology, Sweden
11:30-12:00	Microstructure analysis of concrete and other building materials with micro-computed tomography	Jan Suchorzewski, Ph. D. Researcher, Material Design, Infrastructure and Concrete Technology, RISE Built Environment RISE
12:00-13:00	Lunch	
13:00-13:30	CT-scanning; ranging from QC-control, Product Development to in-depth Research Activities	Eskil Andreasson, Technology Specialist - Virtual Engineering, Tetra Pak
13:30-14:00	CT data as reality check for simulation processes.	Vasilii Afanasev - Regional account manager Eastern Europe & Nordics, Volume Graphics
14:00-14:15	break	
14:15-14:45	Mechanical characterization of cast iron using computed tomography	Erik Dartfeldt - Researcher Applied Mechanics, Computational and Experimental Mechanics, RISE Material and Production
14:45-15:00	Wrap up and Questions	