




WEBINAR SERIES 2021

Welcome to SFI PhysMet webinar series 2021. We invite to monthly presentations on topics relevant to SFI PhysMet members. If you have not received calendar invitation, please contact kari.haland@ntnu.no

Date	Title	Responsible
March 23 14:00-15:30	<i>Thermo-Calc Software - Modelling tools and databases</i>	 Thermo-Calc Software
April 28 13:00-14:30	<i>Powder production capabilities by Hanne Flåten Andersen (IFE)</i> <i>Silicon based powders and speciality applications by Kenneth Friestad (Elkem)</i> <i>Powder production capabilities at Tekna by Morten Henriksen (Tekna Plasma)</i>	 Elkem 
May 19 10:00-11:00	<i>Damage and fatigue life enhancements by post-processing of additive manufactured (LPBF) AlSi10Mg</i>	Aude Simar, UC Lovain/ SFI Scientific Advisory Committee
June 15 13:00-14:00	<i>Methodologies for 4D crystallographic imaging - Practical examples, Potentials and Limitations</i>	Dorte Juul Jensen, Technical university of Denmark/ SFI Scientific Advisory Committee
August 26 11:00-12:00	<i>Sustainable Metals and Alloys: how to meet the environmental challenges with science.</i>	Dierk Raabe, Max Planck Institute/ SFI Scientific Advisory Committee
Sept 29 10:00-11:00	<i>From atomic-scale understanding to advanced alloys</i>	Paraskevas Kontis, Associate Professor, IMA, NTNU
October 20 10:00-11:00	<i>Microstructure optimization for precipitation hardening effectiveness in aluminium alloys</i>	Witold Chrominski, Warsaw Technical University. Guest researcher at NTNU, Dep. Of Physics

Norwegian University of Science and Technology

Nov 18 10:00-11:00	<i>Structural integrity of advanced architected cellular materials</i>	Filippo Berto, Professor at Faculty of Engineering, NTNU
Dec 14 10:00-11:00	<i>Improving the lifetime of hydro turbine steel by thermal spray coatings</i>	Ashok Sharma, Professor at the dep. of Metallurgical and Materials Engineering at Malaviya National Institute of Technology (MNIT) in Jaipur, India.