

**Welcome to a seminar on**  
**Grain boundary precipitation**  
**within the project**  
**Future Materials Design (SuperFraMat)**

Date: 12th January 2021, 13.00-15.00

Place: Teams meeting

Please register for participation by 10/1 on  
<https://jernkontoret.wufoo.com/forms/seminar-on-grain-boundary-precipitation/>  
and you will receive a link to the Teams meeting.

12.45-13.00	Meeting opened to allow check of connections and screen sharing	
13.00-13.05	Welcome and SuperFraMat overview	Rachel Pettersson, Jernkontoret
13.05-13.15	Introduction	Manon Bonvalet- Rolland, KTH
13.15-13.30	Atom Probe Tomography of Grain Boundaries	Mattias Thuvander, CTH
13.30-13.45	Early stages of precipitation in grain boundaries	Jan. Y Jonson, Outokumpu Stainless
13.45-14.05	Predicting grain boundary energies by ab initio calculations	Song Lu, KTH
14.05-14.15	Break	
14.15-14.35	Estimating misorientation dependence of GB energy in Fcc and Bcc metals	Qing Chen, Thermo-Calc Software
14.35-14.55	Modelling precipitation on grain boundary	Manon Bonvalet Rolland (KTH)
14.55-15.00	Conclusions and future seminars	Rachel Pettersson, Jernkontoret