

PROGRAM Autumn Meeting
SFI Metal Production November 2-3, 2021

Royal Garden Hotel, Room: Olav Tryggvason 3

HOW TO MAKE A DIFFERENCE

Program day 1 Tuesday November 2nd

09:00-09:30	How have the SFI made a difference? Opening remarks by Centre Manager Aud Wærnes
09:30-16:30	Major achievements in SFI Metal Production.
09:30-10:30	<i>Production</i> by Merete Tangstad, NTNU <ol style="list-style-type: none">1. Overview of Research domain 2, Primary Metal Production2. Slag fundamentals3. Si-production reaction4. FeSi briquettes
10:30-10:45	<i>Break</i>
10:45-11:45	<i>Modelling</i> by Kristian Etienne Einarsrud, NTNU <ol style="list-style-type: none">1. Pragmatic modelling2. Coupling of modelling tools3. Accessing data and models: SlagCalculator4. The role of rheology in metallurgical reactors
11:45-12:00	Short presentation: <i>Demo of interactive powerpoint - a visual framework for communication of principal research results</i> by Vince Canaguier
12:00-13:00	<i>Lunch</i>
13:00-14:00	<i>Emissions</i> by Gabriella Tranell, NTNU <ol style="list-style-type: none">1. Overview of Research domain 4, Emissions and Energy Recovery2. Fenceline measurement of emissions from Mn-alloy production3. Design of energy recovery systems for Aluminium primary production
14:00-14:15	<i>Break</i>

14:15-15:15	<i>Recycling and Material Flow</i> by Anne Kvithyld and Casper van der Eijk, SINTEF and Romain Billy, NTNU <ol style="list-style-type: none">1. Avoiding red mud2. By-products3. End-of-life products4. Calculation of environmental impact5. Knowledge preservation
15:15-15:30	<i>Break</i>
15:30-16:30	PhD candidates (20 min each): Cathrine Kyung Won Solem Kamilla Arnesen Haley Hoover <i>What does your research mean to the industry?</i> <ul style="list-style-type: none">- <i>Short summary of research and results</i>- <i>Describe potential implementation for industry</i>
17:00	<i>DINNER at the hotel restaurant, Royal Garden Hotel</i>

Program day 2 Wednesday November 3rd

08:30-08:40	Opening day 2 Green Process Industry by Casper van der Eijk
08:40-09:10	Introduction talk Green Process Industry By Lars Petter Maltby, Head of Secretariat, PROSESS 21 and CTO Eyde Cluster
09:10 12:00	Short industry presentations and panel debate <i>Introductions from industry partners:</i> Presentation of the partners' plans to meet the green transition in the years to come. 10 minutes each.
	<i>09:10-09:20 Elkem v/Aasgeir Valderhaug</i> <i>09:20-09:30 Tizir v/Håvard Elstad</i> <i>09:30-09:40 Finnfjord v/Erlend Olsen</i> <i>09:40-09:50 Wacker v/Torbjørn Halland</i>
09:50-10:20	Break 30 minutes
	<i>10:20-10:30 Reel Norway v/Anders Sørhuus</i> <i>10:30-10:40 Hydro v/Trond Furu</i> <i>10:40-10:50 Alcoa v/Ellen Myrvold</i> <i>10:50-11:00 Eramet v/Benjamin Ravary</i>
11:00-12:00	Panel debate <ul style="list-style-type: none"> - How can the last centre period of SFI Metal Production and future SFI collaboration contribute to the realization of the industry partner's visions? - How can SFI collaboration contribute to the green transition and give synergy effects between the industry partners?
12:00-13:00	Lunch
13:00-15:00	SFI Executive Committee/General Assembly. Strategy meeting Room: Olav Tryggvason 3, Royal Garden Hotel