

## Program

### SFI Metal Production Spring Meeting 2019

April 24-25 at Gløshaugen, PFI Auditorium (5.floor), Høgskoleringen 6B

#### Wednesday April 24, 08:45– 19:00

##### Session I – Bioproducts and environment (Merete Tangstad)

0845-0900	Welcome, Aud N. Wærnes (Centre Manager)
0900-0930	Aluminium Center of Excellence, Oslo – 50 years of innovations, transitions and adaptations to the market, Mette Egli (GE Power)
0930-0950	Use of biocarbon in metal production: Past, current and future research Eli Ringdalen(SINTEF Industry)
0950-1010	Examples of present research, Merete Tangstad (NTNU)
1010-1030	Optimizing the biocarbon value chain – KPN BioCarbUp, Øyvind Skreiberg (SINTEF Energy)
1030-1045	<b>PAUSE</b>
1045-1115	Biogas – det grønne skiftet er i gang, Terje Hyldmo (Biokraft Skogn)
1115-1145	Process industry and environment, Martin S. Melvær (Bellona)
1145-1230	<b>LUNCH</b>

##### Session II – Modelling (Kristian Etienne Einarsrud)

1245-1250	What is modelling and why do we do it? Kristian Etienne Einarsrud (NTNU)
1250-1310	Quantification of uncertainty - how good can a model become? John Morud (SINTEF Industry)
1310-1330	Modelling in Eramet – current solutions and future challenges, Mehdi Kadkhodabeigi (Eramet)
1330-1350	Modelling in Hydro – current solutions and future challenges, Eirik Manger (Hydro)
1350-1410	Modelling in Elkem– current solutions and future challenges, Edin Myrhaug (Elkem)
1410-1445	<b>PAUSE</b>
1445-1530	Modelling in SFI Metal Production – a PhD perspective, A. Kovacs, S. Gylver, D. Clos, E. Bjørnstad, V. Canaguier (NTNU)
1530-1550	Frameworks and data management - how different models interact Bjørn Tore Løvfall/Jesper Friis (SINTEF Industry)
1550-1700	PhD's and Postdocs presents "My project in 5 minutes".
1700-1900	<b>Dinner at PFI canteen, 5 floor.</b>

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**Thursday April 25, 08:30 – 15:00**

#### Session III – Material Flow Analyses (Leiv Kolbeinsen)

0830-0900	<i>MFA as Environmental Management Method in Industry, Daniel Müller (NTNU)</i>
0900-0930	<i>The Global Aluminium Cycle - Links to Technology and Infrastructure Stocks Romain Billy (NTNU)</i>
0930-1000	<b>PAUSE</b>
1000-1030	<i>Physical accounting in a Primary Aluminium Production Plant, Louis Monnier (NTNU)</i>
1030-1100	<i>MFA as Environmental Management Method in Industry, Jean-Pierre Birat (IF Steelman)</i>
1100-1145	<b>LUNCH</b>

#### Session IV – Waste and Circular economy (Gabriella Tranell)

1200-1230	<i>Bauxite Residue – Status and Future Developments, Linus Perander (Outotec)</i>
1230-1300	<i>Alpakka a new project &amp; DARE2C an ongoing project, Linda Therese Wiik (Hydro)</i>
1300-1330	<b>PAUSE</b>
1330-1400	<i>Circular Economy - a new SFI initiative, Johan Berg Pettersen (NTNU)</i>
1400-1445	<i>Panel discussion, MFA and Circular Economy</i>
1445-1500	<i>Summing up, by the Centre manager Aud N. Wærnes</i>

Please sign up for the meeting within April 10<sup>th</sup>, by using this link: <https://forms.gle/9db1ejMgPys5zBc58>

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