

Hydrometallurgy seminar at department of chemical engineering, NTNU, Trondheim 8. March 2016

Program

08:30-09:00	<i>Registration</i>
09:00-09.10	1: Welcome, Edd Blekkan, Head of Department
09:10-09.30	2: The Hydromet project
09:30-10:00	3: Presentation of the European Hydrometallurgical Institute, Frédéric Goettmann
10:00-10:30	4: Industrial hydrometallurgy case, Maria Førde Møll (Boliden), topic to be announced
10:30-11:00	<i>Coffee and tea break</i>
11:00-11:30	5: Glencore Nikkelverk, Iron control in a zero waste world, Ole Dotterud, Glencore Nikkelverk
11:30-12:00	6: Yara's pilot plant, Tom Jørgensen (Yara)
12:00-12:30	7: Technology presentation, Rolf Andreas Lauten (Pionera, Borregård), topic to be announced
12:30-13:30	<i>Lunch</i>
13:30-14:30	8: Hanna Knuutila, NTNU, activities in the environmental engineering and reactor technology group, <i>Presentation and Lab tour</i>
14:30-15:00	9: Solid-liquid separation activities at Lappeenranta University of Technology, Antti Häkkinen (LUT)
15:00-15.30	10: The Blue nodules and other deep water projects, Kurt Aasly (NTNU)
15:30-16:00	<i>Coffee and tea break</i>
16:00-16:30	11: OiW Technology presentation, Sverre Stefanussen Foslie (OiW)

16:30-17.00	12: Hydrometallurgical case studies, Thore Jarle Sørensen (Teknova)
17:00-17:30	13: Recycling of NiMH-batteries, Christian Ekberg, (Chalmers University of Technology, CTU)
17:30-18:00	14: Heavy metals adsorption with olivine - A future solution?, Steinar Slagnes, Sibelco

20-25 minute lectures with 5-10 min discussion

Dinner: 19.30

Hydrometallurgy course Trondheim 9-10. March 2016

Program

	Wednesday 9th March	Thursday 10th March
09.00-10.00 10.30-12.00	Topic 1: <i>Process Intensification</i> , Thore Jarle Sørensen (Teknova) Topic 2 <i>Beneficiation and Leaching</i> (Alastair Magnaldo, CEA, ENVIREE)	Topic 4 <i>Crystallization and Precipitation</i> (Jens-P Andreassen, NTNU)
12.00-13.00	Lunch	Lunch
13.00-16.00	Topic 3 <i>Thermodynamics of solutions</i> Christian Ekberg, Chalmers University of Technology, CTH	Topic 5 <i>Solid/Liquid separation</i> Antti Häkkinen, Lappeenranta University of Technology, LUT

Arranged by the Hydromet project (<http://www.hydromet.no/>) and ENVIREE (<http://www.enviree.eu/home/>) – free of charge.