



Workshop *HeatUp*: High temperature heat pumps for efficient utilization of low temperature surplus heat

When: 23th of November 2016

Where: Clarion Hotel & Congress Trondheim, Brattørkaia 1, 7010 Trondheim

How to get there:

1. from Trondheim centre, the central station, one can walk across the bridge over the railway and then one hundred metres to the right (direction east)
2. from airport Værnes: taxi (Trøndertaxi telephone 07373) or bus to Trondheim Center (Flybussen) which stops at the hotel upon request

Program:

Time	Topic	Responsible
10:00	Welcome to Workshop	Michael Bantle
10:10	Development of high temperature heat pumps based on natural refrigerants at SINTEF	Petter Nekså (SINTEF)
10:30	Potential and applications for turbo-compressor for Mechanical Vapour Recompression	Michael Bantle (SINTEF)
10:50	Off-design performance of a hybrid absorption compression heat pump	Karoline H. Kvalsvik (SINTEF)
11:10	Propane/Butane Heat Pump: Model simulation and Test rig set up	Opeyemi Bamigbetan (NTNU)
11:30	Lunch	All
12:30	Innovation action DryF: Potential and challenges for energy recovery from industrial drying systems	Siegfried Schmidt (Mars Petcare)
12:55	Potential for steam generation by high temperature heat pumps	Ole Stavset, Alexis Sevault (SINTEF)
13:20	Design and safety standards for Hydrocarbon refrigerants in industrial applications	Ignat Tolstorebrov (NTNU)
13:40	Summing up	All
14:00	End of Workshop	Michael Bantle

Registration: send an email about your participation to: KarolineHusevag.Kvalsvik@sintef.no

<http://www.sintef.no/projectweb/heatup/>

