

Thermo-Calc One day Workshop

University of Alberta, Edmonton
Friday June 20, 2008
NREF 2-090

Presented by Paul Mason, Thermo-Calc Software Inc

Times are approximate for guidance. My schedule is very flexible and I can stay later if people wish, or if they have travel requirements to get away we can shorten the schedule too.

08:30	Arrival. Coffee. Chance to load Thermo-Calc for those who bring laptops.
09:00	Welcome. Overview of Thermo-Calc Software and related products.
10:00	CALPHAD and database development.
10:30	Examples and Case studies: 1. Alloy design and heat treatment and materials characterization (Examples for steels and Al).
11:00	Examples and Case studies: 2. Welding, metal joining and solders.
11:20	Examples and Case studies: 3. Refractory oxide and slag systems.
11:40	Examples and Case studies: 4. Corrosion and aqueous systems
12:00	Examples and Case studies: 5. Semiconductors
12:20	Examples and Case studies: 6. Metal dusting
12:40	Lunch.
13:30	Hands on tutorial for those loading Thermo-Calc onto laptops, mixed with some lecture style examples by instructor. Will mostly use alloy based examples, but if time permits will expand into non-alloy systems also.
16:30/17:00	Opportunity for general questions.
17:30/17:30	End.