

09-10/03/2016

Core Facility
Biomolecular Interactions
and Crystallization

Lectures - A35/2.11
Experimental part - A4/ 2. 18

Hands-on
Workshop on
ITC & DSC
Calorimetry

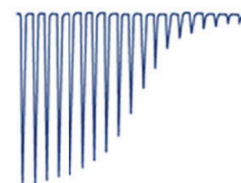
Kamenice 5, Brno

 **Wednesday, March 9th**

- 08:00 **Registration**
- 09:00 **Lecture:** Theory and practice: ITC
- 10:00 **Coffee Break**
- 10:30 **Lecture:** Theory and practice: DSC
- 11:30 **Lab:** VP-DSC set-up
- 12:00 **Lunch Break**
- 13:30 **Lab:** VP-ITC, iTC200 and PEAQ-ITC (Group 1)
Setup and instrumentation
Demonstration of the different instruments and instrumental settings
- 15:30 **Lab:** VP-ITC, iTC200 and PEAQ-ITC (Group 2)
- 15:30 **Lab:** Auto iTC200 setup (all)
Short walk-through of the instrument and custom samples to be run over night.
- 18:00 **End of day one - open bar & snacks**

 **Thursday, March 10th**

- 09:00 **Lecture:** ITC and DSC data analysis
Origin SW and PEAQ ITC SW data analysis session. Do and don'ts during analysis.
- 10:00 **Coffee Break**
- 10:30 **Running experiments**
(VP-DSC VP-ITC, iTC200. PEAQ-ITC)
- 12:30 **Lunch**
- 15:30 **Practical:** Analysis of obtained results
(data lab)
- 16:30 **Summary and end. (data lab)**



Special Guest:

Peter Gimeson
Malvern Instruments

Jan Golda
SPECION, s.r.o.

Registration form: <http://goo.gl/forms/BqxsZ1Axau>
Contact e-mail: bic@ceitec.cz