

Thermal Analysis Workshop Atelier en Analyse Thermique



METTLER TOLEDO Flash DSC1

Workshop & Demonstration Atelier & Démonstration

METTLER TOLEDO Canada invites you, in collaboration with CSACS, to a **Flash DSC1** workshop & demonstration.

METTLER TOLEDO Canada vous invite, en collaboration avec le CSACS, à une démonstration et un atelier sur le **Flash DSC1**.

Differential Scanning Calorimetry, DSC, is the most important method in thermal analysis. It measures the heat flow to or from a sample as a function of temperature or time and thereby allows physical transitions and chemical reactions to be quantitatively measured. The Flash DSC1 revolutionizes rapid-scanning DSC.

An ideal complement to DSC, the Flash DSC1 extends standard DSC's capabilities by determining energy absorbed or released by a sample as it is rapidly heated or cooled. The Flash DSC1 can analyze reorganization processes that were previously impossible to measure with traditional DSC, and it is capable of measuring heat flow in micrograms of material as much as 1000 times faster than conventional DSC. Heating rates now cover a range of more than 7 decades; with cooling rates of up to 4,000 K/s and heating rates up to 40,000 K/s, FDSC is an ideal tool for studying crystallization kinetics, for example, and many other fast reactions.



Agenda:

1:00 pm – 2:00 pm: Overview of the Flash DSC1 Technology |
Survol de la technologie Flash DSC

Coffee/Café & Snacks, Provided by CSACS (Ruttan Room)

2:00 pm – 3:00 pm:
Demonstration / Démonstration - Flash DSC1

(CSACS Instrumentation Room)

3:00 pm – 5:00 pm: Flash DSC1 - Workshop (with your sample) /
Atelier (avec votre échantillon)

Limited places – registration required
Limités – enregistrement requis
(CSACS Instrumentation Room)

Date & Location:

Monday September 30th, 2013 |

Lundi le 30 septembre 2013

McGill University, Department of Chemistry, Otto Maass Building (801 Sherbrooke W, Montreal)

Ruttan Room: OM321

CSCAS Room: OM414

Free | Gratuit

Sponsored by METTLER TOLEDO & CSACS - Space is limited, register now!

Register | Enregistrement:
(via email)

patrick.lapointe@mt.com