Thank you for your interest in **TA Instruments’ Training Courses**. Enclosed please find the detailed program, practical information and a registration form.

Two types of DSC training courses are available. The 1-day basic DSC training is mainly hands-on, and is designed for the operator of the instrument. The 2-days advanced DSC training is mainly theoretical, with a brief hands-on session. It is designed to help the researcher / lab manager in choosing optimum measurement conditions and performing interpretation of the results. Moreover, a general overview of the use of DSC in multiple fields is presented.

**DSC Basic Training (hands-on), 1 day**

09.15 – 09.30 Registration – coffee

09.30 – 12.00 Introduction instrumentation
    Calibration
    Design of an experimental method
    Sample preparation and set-up of experiments

12.00 – 13.00 Lunch

13.00 – 16.30 Interpretation of the results
    Use of data analysis software

16.30 – …. Question session

There is a fair chance for participants to measure their own samples during this hands-on training.
DSC Advanced Training (theory and some hands-on), 2 days

Part 1

09.15 – 09.30   Registration – coffee

09.30 – 12.00   Introduction technique and instrumentation
    Thermodynamic principles
    Design of an experimental method
    Calibration

12.00 – 13.00   Lunch

13.00 – 16.30   Optimisation of experimental conditions
    (purge gas, sample preparation, choice of pan type, heating & cooling rate, maintenance)

16.30 – ….   Question session

Part 2

09.15 – 09.30   Registration – coffee

09.30 – 12.00   Measuring conditions for typical material classes
    The glass transition temperature
    Melting and crystallisation

12.00 – 13.00   Lunch

13.00 – 16.30   How to measure heat capacity ?
    Hints for optimum use of data analysis software
    Introduction to Modulated DSC

16.30 – ….   Question Session
**Practical Information**

**Location:** Application lab TA Instruments
Zellik (B) or Etten-Leur (NL)

**Language / notes:** The course language is English.
Notes are provided at the start of the first course day.

**Registration fee:** Registration fee per person is 750 Euro for the 2-days course and 400 Euro for the 1-day course.
Lunch is included.
Participation is free of charge for users who recently bought new equipment, with a maximum of 2 persons (excluding optional hotel fare).
Universities / schools receive 100 Euro discount on the registration fee per day.
An invoice for course registration (if applicable) will be send after the course.

**Hotel:** If desired we can make a hotel reservation for you or provide you with information of hotels. Hotel expenses are additional and to be paid directly at the hotel reception.

For all additional questions please contact Katia Van Praet at:

B: +32-2-7060080 or
NL: +31-76-5087270
Registration Form

Mail to  belgium@tainstruments.com or netherlands@tainstruments.com
or fax to  +32-2-7060081 or +31-76-5087280

Name :

Company :

Department :

Address :

ZIP Code :  City :

Phone :  Fax :

E-mail :

I want to register for Advanced DSC Training on  
  March 14-15, 2006, in Etten-Leur
  September 26-27, 2006, in Zellik

I want to register for Basic DSC Training on  
  February 2, 2006, in Etten-Leur
  May 17, 2006, in Zellik
  June 22, 2006, in Zellik
  November 30, 2006, in Zellik

Note that the indicated course location might be subject to changes.

Please make hotel reservation on  
  …………………….. (indicate date)

Registration fee for the course:

☐ Free of charge (user of new equipment)

☐ 750 Euro (2-days course)  ☐ 400 Euro (1-day course)

☐ University / school discount

As a confirmation of your registration you will receive at latest a week prior to the course a road description, and if applicable more details with respect to the hotel.