Cost: $300 for Industrial Full Attendee
$50 for Students (if space is available)
Does not include lunch

Description:
The course will include the basics of Thermal Analysis with lectures on differential scanning calorimetry (DSC), thermogravimetric analysis (TGA), and dynamic mechanical analysis (DMA). The sessions held on July 14 will have hands-on instruction by the vendors, with demonstrations on calibration and how to run experiments.

Participating Venders: TA Instruments, Mettler Toledo, & NETZSCH Instruments

July 13th Program
Center for Composite Materials (CCM)
101 Academy Street
University of Delaware
Newark, DE 19716
8:45 - 9:00  Registration
9:00 - 9:10  Opening Comments, Andrew McGhie (LRSM)
9:10 - 10:25 DSC Theory and Practice by Larry Judovits (Arkema)
10:25 - 10:45 Break
10:45 - 12:00 DSC Application and Use by Steve Sauerbrunn (CCM)
12:00 - 13:15 Lunch
13:15 - 14:30 Introduction to TGA, Janis Matisons (Gelest)
14:30 - 14:50 Break
14:50 - 16:05 Introduction to DMA, Sara Reynaud (Arkema)

July 14th Program
TA Instruments
159 Lukens Drive,
New Castle, DE 19720
9:00 - 11:30  Hands-on Demos with Vender Dr. Kadine Mohomed (TAI)

Center for Composite Materials (CCM)
13:15-15:45 Hands-on Demos with Vendors, Kevin Menard (Mettler) & Hui Hu (Netzsch)

To Register Please Contact:
Steve Sauerbrunn
sauerbru@udel.edu • 302-353-6046
Composites Manufacturing Science Laboratory
101 Academy Street, Newark, DE 19716

Payment by cash or check made payable to the TAFDV

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Cost: $300 for Industrial Full Attendee
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Description:
The course will include the basics of Thermal Analysis with morning lectures on differential scanning calorimetry (DSC), thermogravimetric analysis (TGA), and dynamic mechanical analysis (DMA). The afternoon sessions will have hands-on instruction by the vendors, with demonstrations on calibration and how to run experiments.

First Name: ___________________________   Last Name: ___________________________

Affiliation: ________________________________________________________________

Email: ___________________________   Phone Number: (_____ ) ____________________

Payment by cash or check made payable to the TAFDV

Please send form to:

Steve Sauerbrunn
sauerbru@udel.edu • p: 302-353-6046 • f: 302-831-8525
Composites Manufacturing Science Laboratory
101 Academy Street, Newark, DE 19716

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