

Thursday, 7. June 2018

Hall 1; Lectures: Pharma, Food & Cosmetics

9:30 – 10:00	Registration
10:00 – 10:15	<i>Boštjan Bavdek, Nina Rejc, Labtim</i> Introduction - Overview
10:15 – 11:00	<i>Daniel Roedolf, TA Instruments</i> Overview of TA Instruments Product Range - Discover more about your materials
11:00 – 11:15	<i>Customer presentation</i> DSC in Food applications
11:15 – 11:30	<i>Customer presentation</i> DSC in Pharmaceutical applications
11:30 – 11:45	Coffee Break – discussion
11:45 – 12:15	<i>Els Verdonck, TA Instruments</i> Dynamic mechanical analysis – New Discovery DMA 850
12:15 – 13:00	<i>Els Verdonck, TA Instruments</i> Applications for food & pharma & cosmetics using Thermal Analysers
13:00 – 14:00	Lunch
14:00 – 15:15	<i>Peter Hodder, TA Instruments</i> Rheology – What's NEW on our Discovery Rheometers Applications for food & pharma & cosmetics - Rheology as a versatile technique for process optimization
15:15 – 15:30	Coffee Break – discussion
15:30 – 15:45	<i>Customer presentation</i> Nano DSC and ITC
15:45 – 16:45	<i>Peter Vikegard, TA Instruments</i> Isothermal titration calorimetry - a flexible platform for screening biologicals and pharmaceuticals Isothermal titration calorimetry and differential scanning calorimetry for characterization of molecular binding events and structural stability – What's New? <i>Recent Applications in food & pharma</i>

Hall 2; TGA workshop and Individual session with Thermal application specialist & scientist

14:00 – 15:15	<i>Els Verdonck, TA Instruments</i> TGA workshop hands-on Focus on Hi-Res TGA and special TGA software capabilities
15:15 – 15:30	Coffee Break – discussion
15:30 – 16:45	<i>Els Verdonck- Daniël Roedolf, TA Instruments</i> Individual sessions : DSC, TGA, DVS, TMA, DMA

Hall 3; Individual sessions with the applications specialists & scientists

9:30 – 10:00	Registration
10:00 – 11:30	<i>Peter Hodder, TA Instruments</i> Rheology
11:30 – 11:45	Coffee Break – discussion
11:45 – 13:00	<i>Peter Vikegard, TA Instruments</i> Microcalorimetry
13:00 – 14:00	Lunch
14:00 – 15:15	<i>Peter Vikegard, TA Instruments</i> Microcalorimetry
15:15 – 15:30	Coffee Break – discussion
15:30 – 16:45	<i>Peter Hodder, TA Instruments</i> Rheology

Hall 4; Lectures: Material testing

9:30 – 10:15	Registration
10:15 – 10:30	<i>Boštjan Bavdek, Nina Rejc, Labtim</i> Introduction
10:30 – 11:30	<i>Kostas Fotiadis, Tinius Olsen</i> Determining a variety of static mechanical properties for plastics material with tensile/compression machine
11:30 – 11:45	Coffee Break – discussion
11:45 – 12:15	<i>Urban Dejak, Labtim</i> Purpose of Melt Indexer tests and results interpretation
12:15 – 13:00	<i>John Garratt, Applied Test Systems</i> Creep test versus Stress rupture test
13:00 – 14:00	Lunch
14:00 – 15:15	<i>John Garratt, Applied Test Systems</i> Lab Furnaces and Ovens
15:15 – 15:30	Coffee Break – discussion
15:30 – 16:10	<i>Daniel Roedolf, TA Instruments</i> Fatigue Testing with TA Instruments' Electroforce Systems
16:10 – 17:30	<i>Kostas Fotiadis, Tinius Olsen</i> Automatization in metals materials testing's (hardness, tensile, Charpy Impact)

Friday, 8. June 2018

Hall 1; Lectures: Physical testing of materials

9:30 – 10:00	Registration
10:00 – 10:40	<i>Daniel Roedolf, TA Instruments</i> Introduction – Overview of TA Instruments Product Range
10:40 – 11:30	<i>Peter Hodder</i> Measurement of rheological properties of elastomers and solids
11:30 – 11:45	Coffee Break – discussion
11:45 – 12:25	<i>Els Verdonck, TA Instruments</i> Dynamic Mechanical Analysis – What's New and Applications
12:25 – 12:35	<i>Customer from Slovenian national building and civil engineering institute</i> Monitoring cement hydration and blending Hydration process of concrete
12:35 – 13:00	<i>Daniël Roedolf, TA Instruments</i> Measurement of heat transfer properties of insulation and construction materials
13:00 – 14:00	Lunch
14:00 – 14:45	<i>Daniël Roedolf, TA Instruments</i> High pressure thermogravimetric analysis in monitoring corrosion and oxidation
14:45 – 15:00	<i>Customer Presentation – Dilatometry in Metals Research</i>
15:00 – 15:30	<i>Daniël Roedolf, TA Instruments</i> Dilatometry – What is New – Optical, Vertical - as a tool to test various materials (metals, ceramics, polymers, glasses)
15:30 – 16:00	Coffee Break – discussion

Hall 2; Microcalorimetry workshop

09:30 – 10:15	<i>Peter Vikegard, TA Instruments</i> Heat Flow Microcalorimetry Basics
10:15 – 11:30	<i>Peter Vikegard, TA Instruments</i> Advanced Heat Flow Microcalorimetry
11:30 – 11:45	Coffee Break
11:45 – 13:00	<i>Peter Vikegard, TA Instruments</i> Characterization of Drug Binding Activity and Biopharmaceutical Stability
13:00 – 14:00	Lunch
14:00 – 15:15	<i>Peter Vikegard, TA Instruments</i> Long Term Stability Analysis of Monoclonal Antibodies
15:15 – 15:30	Coffee Break – discussion

Hall 3; Rheology Workshop with applications specialist

9:30 – 11:30	<i>Peter Hodder, TA Instruments</i> Rheology – Hands-on
11:30 – 11:45	Coffee Break – discussion
11:45 – 13:00	<i>Peter Hodder, TA Instruments</i> Rheology - Hands-on
13:00 – 14:00	Lunch

Hall 4; Tinius Olsen Workshop and Horizon software training

9:30 – 11:30	<i>Kostas Fotiadis – Tinius Olsen, Urban Dejak - Labtim</i> Tinius Olsen Demonstration and Hands on (Melt Indexer, Tensile compression machine, Hardness tester)
11:30 – 11:45	Coffee Break – discussion
11:45 – 13:00	<i>Kostas Fotiadis – Tinius Olsen, Urban Dejak - Labtim</i> Tinius Olsen Horizon Software Training
13:00 – 14:00	Lunch
14:00 – 15:15	<i>Kostas Fotiadis – Tinius Olsen, Urban Dejak - Labtim</i> Tinius Olsen Horizon Software Q&A, bring your own problem
15:15 – 15:30	Coffee Break – discussion

Saturday, 9. June 2018

Full day boat trip to Brijuni Islands



Venue of the meeting:

Park Plaza Belvedere Medulin ★★★★★ Pula, Croatia

Osipovica 33
52203 Medulin
Croatia

Your room will be booked by Labtim.

Hotel accommodation prices (paid individually at the hotel):

Single person room: 81 € + 1,1 € turist tax
Double person room: 54 € + 1,1 € turist tax (per person)

Seminar participation fee:

One day: free of charge
Two days: 50 € + TAX (per person)

Complimentary transportation:

- from ZAGREB to Pula and back
- from LJUBLJANA to Pula and back

Our free-of-charge minibus will be organized on **Thursday** and **Friday**.



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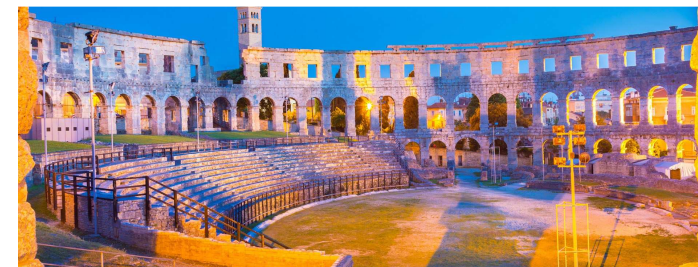
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1st Material Characterization and Testing Meeting (MCTM)

8th TA Instruments Users' Meeting with Emphasis on Thermal Techniques in Life Sciences

June 7th – 8th 2018

Park Plaza Belvedere, Medulin, Croatia



organized by

 **Labtim**

 TA
Instruments

 **Tinius Olsen**
The First Name In Materials Testing

 **ATS** APPLIED TEST
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