

## Schedule for the ANAMET Material Science Seminar

### solutions of Malvern Panalytical / ThermoScientific Phenom / 3P Instruments / Dataphysics Instruments / Netzsch with introduction of Panalytical and FEI

**Time and venue:** 20.-21. May 2024, Brno, [hotel International Brno](#), Husova 200 / 16, 602 00 Brno, phone [+420 542 122 111](#). Arrival directions and parking info on the website of the hotel: <https://www.hotelinternational.cz/en/rs/contact/>. One day reduced **parking fee for participants** is 450 Kč in front of the hotel, 550 Kč in a garage with entrance from street Besední (to be paid at hotel reception, be aware of parking house Domini next to the hotel entrance with hourly fees). It is 15 minutes walk from the main railway station and old bus station across the Grand Hotel, or by Tram 12 from all the locations including Main bus station Zvonařka to the tram stop Šilingrovo náměstí or Česká. The hotel is between these two stops.

#### **Program of the first day:**

- 08:30 Registration, small snack and coffee
- 09:30 Opening of the seminar - Ing. Jiří Hrdlička – ANAMET s.r.o.
- 09:35 [Malvern Panalytical](#) – introduction to techniques used for characterization of particle size, concentration, zeta potential, molecular weight and shape, **Steve Ward-Smith**
- 10:00 Introduction to elemental ([XRF](#)) and structural composition of materials ([XRD](#)) – **Ing. Petr Marvan** (will be present for personal meetings and to answer any questions throughout the seminar)
- 10:10 [3P Instruments](#) – introduction to gas and vapor sorption, specific surface area characterization, pore size, active surface area of catalysts and temperature programmed experiments (TPx); sample density, Dr. **Fabian Schönfeld**
- 10:35 [Dataphysics Instruments](#) – overview of techniques for surface characterization – contour analysis of drop shape and interfacial properties of liquids and solids, tensiometers for determining surface tension, density of liquids and solids or wetting for quality control of various industrial baths. **Marina Langer / Sebastian Schaubach**
- 11:00 [Phenom](#) – an introduction to Thermo Scientific's benchtop scanning electron microscopes and their philosophy, **Willem Van Zyl**
- 11:25 [FEI](#) – introduction to other FEI (Thermo Scientific) electron microscopes, **Ondřej Bačo**
- 11:35 [Netzsch](#) – [rheology](#) and viscoelastic properties of liquids and soft solids. Overview of instruments for thermal analysis. **Jiří Kudrna**
- 12:00 Lunch
- 13:30 **Division into sections** – lectures will be held simultaneously in six seminar rooms  
**A - Mastersizer - the main hall A**  
**B - Zetasizer - room D**  
**C - Desktop SEM Phenom - room 4**  
**D - 3P Instruments -room 3**  
**E - Dataphysics instruments - room C**  
**F - Netzsch - room B**  
coffee and snack will be served individually in each section between 15:00 – 15:30.
- ca.17:15 Closing of the programme of the first day in each section separately
- 18:15 Gathering at the reception before the departure to a wine cellar
- 18:30 Departure to a dinner and wine tasting in Hustopeče with typical Cimbál music

#### **Program of the second day:**

- 09:30 Organizational instructions on the 2nd day in the main seminar hall – ANAMET s.r.o.
- 09:40 Teaser for a **brand new AFM in SEM product** to be then presented in SEM section C
- 09:45 Division into sections **A/B/C/D/E/F** and continuation of the program in sections
- 10:45 Coffee break (drinks only)
- 11:45 End of the program in sections – transfer to the main hall
- 12:00 In the main conference hall: Discussion, prize draw for those who submitted a feedback form and farewell
- 12:30 Lunch for those who expressed an interest in personal meetings
- 13:15 Personal meetings with lecturers or ANAMET employees (we will announce the order during lunch)

**Should you have any inquiries, please contact Jiřina Hovorková at +420 606 704 988. She will be available throughout the seminar. We look forward to meeting you in person!**

**Mentioning:**

**ANAMET s.r.o.**

**Program of the seminar**

**Locations and Sections**

**New products - MS3000+, isoTune, portable CA, DSC**

**Sample testing + working instruments**

**PHE: Van Zyl, Willem, Applications and Product Specialist <willem.vanzyl@thermofisher.com> +31 6 14 65 43 99**

**3PI: Fabian Schönfeld, Product specialist, fabian.schoenfeld@3p-instruments.com +49 1511 4651412**

**MAL: Steve Ward-Smith, Large and Strategic Account Manager, stephen.ward-smith@malvernpanalytical.com**

**MAL: Michael Kaszuba, Technical Support Manager, michael.kaszuba@malvernpanalytical.com +44 7977 99 11  
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**DPI: Marina Langer, Sales Manager <M.Langer@dataphysics-instruments.com> +49 160 4700619**

**DPI: Sebastian Schaubach, manager DPI, +49 711 77 05 56 54, s.schaubach@dataphysics-instruments.com**

**FEI: Ondřej Bačo, TEM Product Specialist, ondrej.baco@thermofisher.com +420 732 231 977 - bez sklípku, bez  
ubytování, oba dny**

**PAN: Petr Marvan, Sales engineer CZ+SR, Petr.Marvan@malvernpanalytical.com +420 774 601 613, sklípek,  
bytování, oba dny**

**JGH, LEV, MID, FIL, MAJ, JIH - office manager, OLI - invoicing and shipping, KAL, LUF, LUM, IČU**