

Particle sizing 101

Dynamic Light Scattering

Do you want the best results when characterizing colloidal dispersions of nanoparticles?

Do you need to

- Characterize particles in cell culture media or in blood?
- Ensure that your results are accurate and reproducible?
- Explain average size and polydispersity in dispersions and suspensions?
- Deal with agglomeration and prepare stable formulations?

Join us on May 19-20, 2022

Swiss NanoAnalytics, BioNanomaterials Group
Adolphe Merkle Institute, Fribourg, Switzerland

...and who are we?



Amélie Bazzoni, PhD in Materials Science and Engineering

Amélie is an experienced R&D and Quality Control engineer, specialized in the experimental characterization and methods validation of complex materials.



François Maystre, PhD in Physics

François is the CEO of Instrumat AG, the Swiss distributor of Malvern Panalytical. He has profound experience in analytical instrumentation and materials characterization.



Prof. Alke Fink, PhD in Chemistry

Alke is a full professor focusing on inorganic nanoparticles, their synthesis and surface functionalization as well as their interactions with biological cells.



Sandor Balog, PhD in Physics

Sandor is a staff scientist fascinated by the theory and application of experimental techniques dedicated to particle system.

Program

Dynamic Light Scattering

Day 1

Fundamental principles, Sample quality, Complex media, Stability, Experimental design, Pitfalls, Best practices and method development, Quality control, Accuracy and Precision, Complementary and orthogonal experimental techniques

Morning

9h – 9h30 Welcome & introduction
9h30 – 10h30 Lecture & demo
10h30 – 11h Coffee break
11h – 12h Lecture & demo
12h – 14h Lunch

Afternoon

14h – 15h Lecture & demo
15h – 15h30 Coffee break
15h30 – 16h30 Meet the Malvern Zetasizer Advance Range
16h30 – 17h30 Summary
18h – 20h Dinner

Day 2 Limited to max. 10 participants

Individual Q&A slots, custom-tailored solutions, bring your own samples, hands-on laboratory training*

9h – 10h30 Hands-on laboratory training
10h30 – 11h Coffee break
12h – 14h Lunch
14h – 16h Hands-on laboratory training

Fee: 500 CHF.- / day

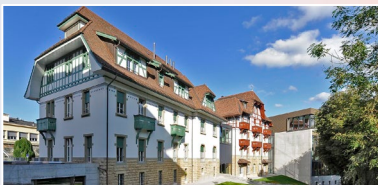
**Please, let us know ahead, so we can make the best out of it.*

Registration



or

[Click here!](#)



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<https://www.ami.swiss/en/nanoanalytics>

<https://instrumat.ch/meet-us-about/front-desk/>

<https://www.malvernpanalytical.com>