

**OleinTec**  
- A MEMBER OF THE HYXO GROUP -

# KUTSU OLEINITECIN WORKSHOPPIIN

## 27.4.2022 KERAVALLE

*Tytäryhtiömme Oleinotec järjestää veloitusettoman märkien ja kuivien näytteiden hiukkasten karakterisointiin sekä dispersioiden ja emulsioiden stabiilisuusanalyysiin keskittyvän workshopin Keravalla 27.4. Workshopin kieli on englantia.*

### You are invited to a free Workshop

- focusing on particle characterization of wet and dry samples, and stability analysis of dispersions and emulsions

**When:** 27th of April at 9.00 - 16.00

**Location:** Hyxo Oy, Sortilantie 5, 04250 Kerava

**For registration please send an email to:** Sara Parkin: +46 (0) 8 636 2405, sara.parkin@oleinotec.se

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### Ohjelma/ Agenda:

	Presentation of instruments and technology:
<b>9:00-12:00</b>	• MicroTrac - SYNC, CAMSIZER, Gas adsorption instruments - BELSORP MAX II from BELSORP series • LUM Instruments • Particle Metrix - ZetaView
<b>12:00-13:00</b>	Lunch provided
<b>13:00 - 16:00</b>	Demo of instruments above and hands-on testing

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### EDUSTAMIAMME TUOTEMERKKEJÄ:



[www.hyxo.fi](http://www.hyxo.fi)

## Product info



### LUM instruments for

- real-time & accelerated dispersion analysis
- stability ranking & analysis
- particle sizing & characterization
- detection of destabilization phenomena
- optimization of formulations & process control
- materials testing
- adhesion, cohesion & strength determination



### MicroTrac instruments SYNC and CAMSIZER for particle characterization of both dry and wet samples



### Zeta View by Particle Metrix

The rapid in vitro measurement of multiple physical parameters such as size, concentration, surface charge and fluorescence for phenotyping of exosomes, extracellular vesicles, liposomes and virus like particles among others.

Nanoparticle Tracking Analysis (NTA) captures the Brownian motion of each particle in the video. Based on the different diffusion movements of large and small particles in the surrounding liquid, the hydrodynamic diameter of the particles is determined. Furthermore, the charge state of the particle surface (zeta potential) can be measured via the movement of the particles in an applied electric field.



The BELSORP MAX II is used to evaluate the BET specific surface area and pore size distribution of various solid materials such as powders, fibers, membranes by gas adsorption/vapour.

Models are available for measuring micro, meso and macro pore size distribution.