



Global Summit on Regulatory Science 2019  
**Nanotechnology and Nanoplastics**

Training opportunities

Hands-on training

**Determining size distributions of nanomaterials**

On **24 September 2019**, back-to-back to the GSR19, the **EC JRC in Ispra** (VA, Italy) offers a Hands-on training on Determining size distributions of nanomaterials.

This one day training course will include two sessions. One session will focus on **particle size distribution theory**, including topics such as 'What is particle size?', 'ISO standard nomenclature', 'Graphical representation of particle size distributions', and 'Transformation between number, mass and absorption weighted distributions'. This will be complemented by a **practical session** which will allow the participants to gain hands on experience in the use of selected **nanoparticle sizing techniques**, such as 'Single particle ICP-MS', 'Transmission Electron Microscopy' or 'Centrifugal Particle Sedimentation'. In alternative to the practical session, the participants can get an introduction to the **regulatory relevance** of identifying nanomaterials according to the European Commission's definition of nanomaterial and how to do this in practice with the help of a **decision support framework** and a handy **e-tool**.

**Interested in joining?** Please visit our website:

<https://ec.europa.eu/jrc/en/event/conference/gsr19-global-summit-regulatory-science-2019-nanotechnology-and-nanoplastics>.

**Pre-registration needed.**