

## Combined analytical techniques for the physico-chemical characterization of *hard* and *soft* nanoparticles

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Nanomaterials (NMs) are present in many products of daily use, but the knowledge about their effects on any kind of living beings (plants, animals, humans) is still scarce. The use of well characterized and defined NMs can be advantageous for either the producers, since they can well understand the benefits to the products introduced by different types of NMs, and for the consumers/users since they can make an aware choice among different products. This talk will illustrate as the Field Flow Fractionation techniques (FFF), along with other analytical techniques, might be useful to determine particle size distribution of nano- (micro-) particles and to get at least a basic physico-chemical characterization.