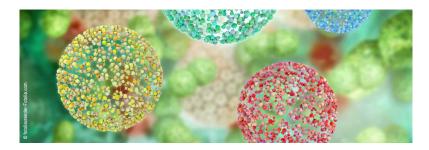
## Thermodynamics and energetics of soft matter systems



Contribution ID: 3 Type: not specified

## **Lecture 3: Methods in Calorimetry and Volumetry**

Wednesday, 25 July 2018 09:00 (1h 30m)

Free energy and its derivatives: the partial molar quantities. Relevance in colloidal systems and methods to access them. Enthalpy changes in supramolecular aggregates: van't Hoff vs direct methods. Introduction and experimental tips in calorimetry

and volumetry. Isothenral titration calorimetry: equilibrium and kinetics. Prediction abilities and case studies.

**Presenter:** Dr LAZZARA, Guiseppe