



Prof. Dimitrios Fessas, brief curriculum

Dimitrios Fessas, is Full Professor of Physical Chemistry at the Department of Food, Environmental and Nutritional Sciences (DeFENS), University of Milan.

Main research lines: Physico-Chemical properties of food systems (mainly phase transitions and heat sustained transformations); Conformational stability and thermodynamics of biological macromolecules in solution; Thermodynamics of macromolecule-ligand binding phenomena; Thermodynamics and kinetics of adsorption/desorption processes; Microbial growth and metabolism (studied by isothermal calorimetry); Restoring processing and characterization of cultural heritage biomaterials.

Main experimental approach: he run the “Thermal Analysis and Calorimetry Laboratory” equipped with ten instruments covering from molecular up to mesoscopic/macroscopic scale characterization of transitions and interactions of biopolymers.

Member of the Board of Directors (current Secretary) of the Italian Association of Calorimetry and Thermal Analysis (AICAT)

For more information: <https://www.unimi.it/en/ugov/person/dimitrios-fessas>