



Lecture in the framework of visiting program of the University of Sassari

28 July 2017, 9.00 a.m.

Asilo Sella, All Pb

via Garibaldi 35, Alghero

## On the theory of plates and shells at the nano- and microscales considering surface effects

Victor A. Eremeyev, Rzeszów University of Technology, Poland

The aim of the lecture is to discuss the effective constitutive equations for surface stresses taking into account complex structure of surface and/or surface coatings and to analyze of the influence of surface effects on the effective properties of materials such as the effective bending stiffness of plates or the stiffness of rods.

