



December 12, 2014 - Via P. Castellino, 111 80131 Naples
Aula 4, Piano II, Edificio I

WOKSHOP on

Numerical methods for partial integro-differential equations modelling mechanical systems with nonlocal constitutive laws

PROGRAM

11:00 - 13:00

Opening (M.R.Capobianco, A. Vecchio, IAC, Napoli)

Francesco dell'Isola, Università Sapienza, Roma, *Mechanical and biological systems with nonlocal constitutive laws*

Angelo Luongo, Università dell'Aquila, *String, Cables and Beams with condensed longitudinal displacements*

Giuseppe Piccardo, Università di Genova, *Perturbation methods for dynamic analysis of cables*

Woula Themistoclakis, IAC, Napoli: *A Numerical method for a class of non-local integro-differential equations*

Scientific Discussion

13:00- 14:30 Lunch break

14:30-16:00 Discussion on possible future collaborations between M&MoCS and IAC-CNR