

Homogenization Flows in Collapsing Domains and Composite Materials

Sala Conferenze, Biblioteca dell'Accademia Nazionale delle Scienze detta dei XL
Scuderie Vecchie di Villa Torlonia Roma, Via L. Spallanzani 1/A

Program

MONDAY, JUNE 25, 2012

10.00 - 10.30 Registration

10.30 - 11.00 Opening Ceremony

11.00 - 11.50 **U. Mosco**: "Fractal Asymptotics I"

12.00 - 12.50 **D. Cioranescu**: "The periodic unfolding method. Applications to some open problems in homogenization I"

13.00 - 15.00 Lunch

15.00 - 15.50 **B. Vernescu**: "Homogenization and slip-weakening surfaces in elastic materials"

16.00 - 16.30 Coffee Break

16.30 - 17.20 **E.E. Sanchez-Palencia**: "On certain singular perturbations with ill-posed limit. Theory and applications I"

TUESDAY, JUNE 26, 2012

9.30 - 10.20 **P. Donato**: "On the effective interfacial resistance through rough surfaces"

10.30 - 11.00 Coffee Break

11.00 - 11.50 **U. Mosco**: "Fractal Asymptotics II"

12.00 - 12.50 **B. Vernescu**: "Effective slip for viscous flows through leaky membranes"

13.00 - 15.00 Lunch

15.00 - 15.50 **D. Cioranescu**: "The periodic unfolding method. Applications to some open problems in homogenization II"

16.00 - 18.30 Round Table: "Variational Convergences and Significant Applications" with **L. Boccardo, I. Capuzzo Dolcetta, G. Dal Maso, P. Marcellini**

20.00 Social Dinner

WEDNESDAY, JUNE 27, 2012

10.00 - 10.50 **P. Donato:** “The Periodic Unfolding Method for a Class of Imperfect Transmission Problems”

11.00 - 11.30 Coffee Break

11.30 - 12.20 **E.E. Sanchez-Palencia:** “On certain singular perturbations with ill-posed limit. Theory and applications II”

12.30 Closing Ceremony