



WORKSHOP
ANNOUNCEMENT



*From molecular to continuum descriptions
of complex materials: dream or reality?*

Wednesday, 24-Feb-2010

Aula M.A.3, via L. Mancinelli 7, Milano

9:30 – Giuseppe Milano (Dept. of Chemistry, Università di Salerno):
Hybrid Particle Field Molecular Dynamics Simulations: Development and Applications to Polymers and Polymer Composites

10:15 – Giorgio Colombo (ICRM, CNR Milano):
Investigating protein stabilization and interaction sites through molecular simulations

11:00 – Break

11:15 – Simone Vesentini (Dept. of Bioengineering, Politecnico di Milano)
Coarse grained methods for (bio)polymer analysis

12:00 – Guido Raos (Dept. CMIC “G. Natta”, Politecnico di Milano)
Computational studies of polymer-based nanostructured materials

12:45 – Lunch

14:15 – Carlo Cavallotti (Dept. CMIC “G. Natta”, Politecnico di Milano):
Modeling Chemical Vapor Deposition across different time and length scales

15:00 – Mosè Casalegno (Dept. CMIC “G. Natta”, Politecnico di Milano):
Kinetic Monte Carlo models of photocurrent collection and transport in organic solar cells

15:45 – Break

16:00 – Paolo Biscari (Dept. of Mathematics, Politecnico di Milano)
Dynamics of defects in nematic liquid crystals

16:45 – Pierluca Maffettone (Dept. of Chem. Eng., Università di Napoli “Federico II”):
Viscoelasticity-induced migration of a rigid sphere in confined shear and Poiseuille flow

Attendance is free, registration is not required

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