

Doctorate school in Physics, Astrophysics and Applied Physics

at the Physics Department of Università degli Studi di Milano

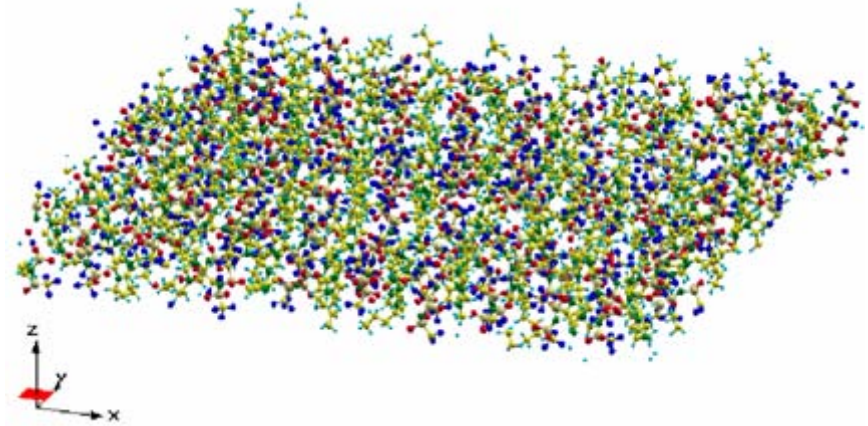


a wide range of research activities, including
condensed-matter physics / material sciences

Theoretical/computational research & PhD theses

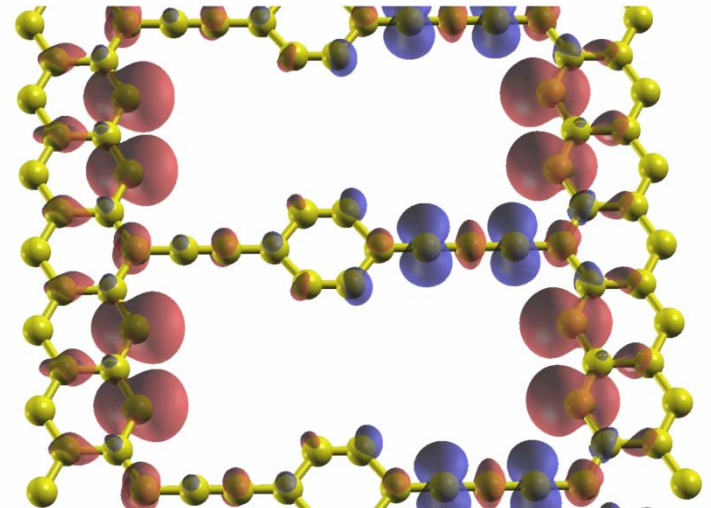
ex.: room temperature ionic liquids

- nanofriction, **classical MD**

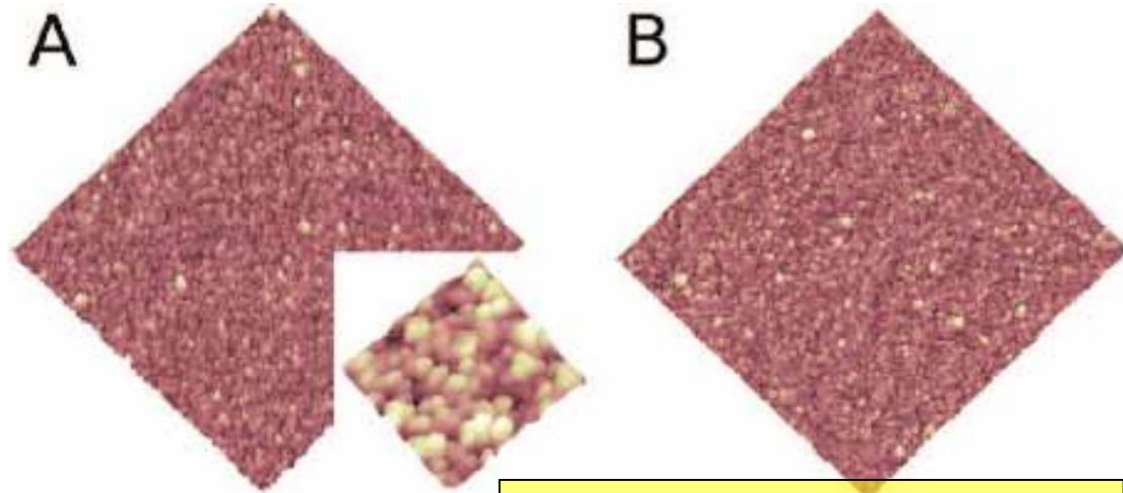
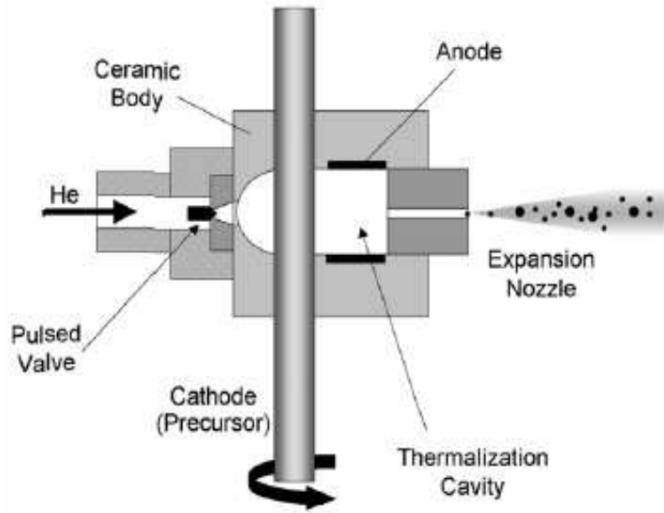


- optical response of solids / surfaces / clusters / nanostructures

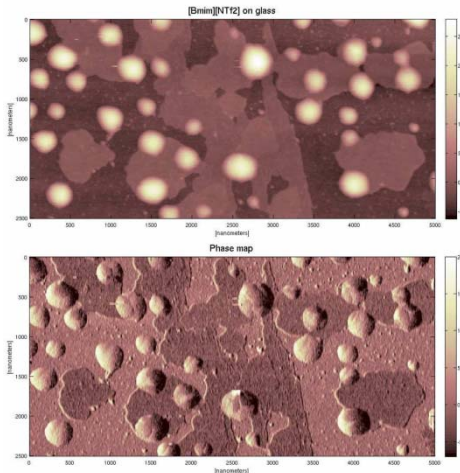
ex.: carbon nanostructures



Experimental research & PhD theses

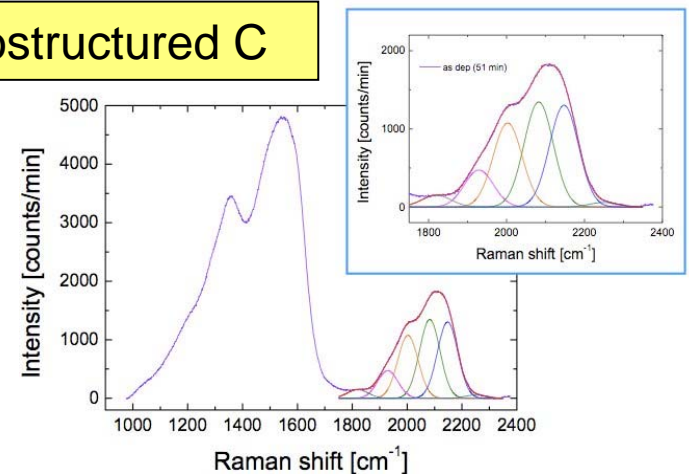


ex.: nanostructured TiO_2

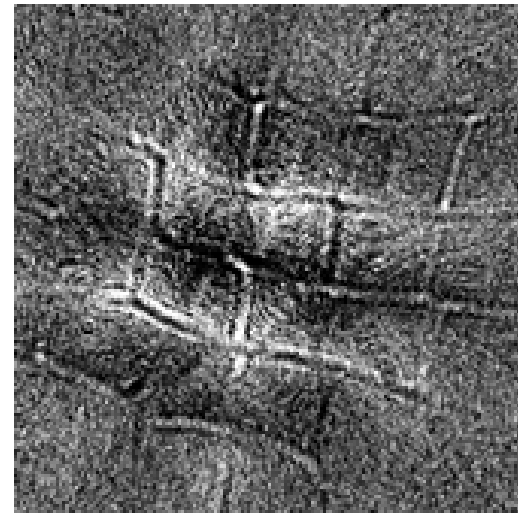


ex.: ionic liquid films

ex.: nanostructured C



- Pattern formation and smart heat transfer in **nanofluids**



Optical instrumentation -
aggregation processes –
connective instabilities –
Physics of fluids in microgravity

Admission now open
deadline **Oct. 7, 2010**, selection in Nov. 2010

- 17 scholarships (1050 Euro/month, 3 years) for all lines of research
- 50% scholarship increase for research visits abroad (e.g. at other PCAM nodes)
- 2 scholarships awarded to foreign students include an additional relocation contribution of about 2000 euro/year
- moderate accommodation help & support to PCAM students coming to do part of their research in Milan

Contacts:

<http://phd.fisica.unimi.it/>

marina.carpinetti@unimi.it