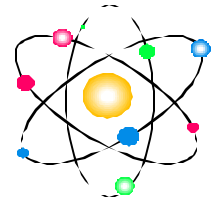




The Friday Thing



Dr. Bruno Tomberli
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Intermolecular Forces: Connections in theory simulation and experiment

The role of intermolecular potentials in understanding the behaviour of liquids and dense gases will be explored using results from theoretical calculations, computer simulation and experiments. Three examples will be discussed: 1) Theoretical calculations of the solubility of organic solutes in molecular fluids and the application of such results to supercritical fluid extraction, 2) Determination of the local solvent structure of organic solutes in molecular fluids using isotopic substitution neutron diffraction and 3) Structural differences in liquids of differing isotopes measured using X-ray diffraction.

Date: Friday, March 9, 2001
Place: MacNaughton 222
Time: 12:30 p.m.

Cookies will be served. Don't forget to bring your lunch.

