



You are cordially invited to attend the Solvay colloquium entitled

« DO WE UNDERSTAND CRYSTAL NUCLEATION? »

Professor Daan Frenkel

University of Amsterdam,
The Netherlands

Abstract

“Crystal nucleation is a very common phenomenon, but it is not well understood. For almost a century, the theoretical models that predict the rate of crystal nucleation could not be tested in detail. That situation is now changing because of two developments in colloidal science: 1. better real-space probes of [colloidal] crystal nucleation and 2. better numerical modeling techniques. In my talk, I will review recent advances in our understanding of homogeneous and heterogeneous crystal nucleation and I will indicate some of the areas where our understanding is still far from complete. Examples will include: colloidal crystals, molten salts and extra-terrestrial diamonds.”

Tuesday March 20, 2007 at 16h00

COFFEE AND TEA WILL BE SERVED AT 15H45 IN FRONT OF THE SOLVAY ROOM

« SALLE SOLVAY » - SOLVAY ROOM

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