LABORATORY FOR COMPUTER SCIENCE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PHYSICS OF COMPUTATION SEMINAR

Date: Monday, November 21, 1994
Time: Refreshments at 4:00pm
Talk at **4:15pm**
Place: 37-252 (Marlar Lounge)

Phase Separation in Lattice Gases

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Numerous lattice-gas models have been proposed for the simulation of hydrodynamic interfaces. These models are distinguished by phase transitions from homogeneous to separated states. I discuss the dynamical, thermodynamical, and interfacial properties of two of these models. Particular attention is given to the non-equilibrium dynamics of growth.

Host: Dan Rothman

This talk is part of a seminar series on adapting computers and computations to the constraints of, and opportunities afforded by, microphysics; and on the development and application of the physical theory of computation and information. If you would like to receive electronic notice of these seminars, send email to "poc@im.lcs.mit.edu."