Conference Announcement

Young Researchers Workshop:
Kinetic and Macroscopic Models for Complex Systems
October 14-18, 2013
Center for Scientific Computation And Mathematical Modeling
University of Maryland

Organizers
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Scientific Background
Complex systems are found in new applications, ranging from transport phenomena in biology, through diffusion limits in material science to self-organized hydrodynamics. New open issues in connection with such systems have emerged in recent years, including mathematical models to apprehend the behavior of these complex systems, analytic techniques for the passage from particle systems to macroscopic descriptions, and construction and analysis of modern computational methods which provide invaluable insight into the models.

Goals
To bring together researchers at an early stage in their career to discuss recent exciting developments in modeling and simulation of multiscale phenomena in complex systems via kinetic models.

A limited number of openings are available. Priority will be given to researchers in the early stages of their career who want to attend the full program, especially for graduate students and post-doctoral fellows. To apply, complete the online application before August 31, 2013.

For more information and to apply: www.ki-net.umd.edu

Image courtesy of Sébastien Motsch