CSCAMM

KI-Net: Kinetic description of emerging challenges in multiscale problems of natural sciences

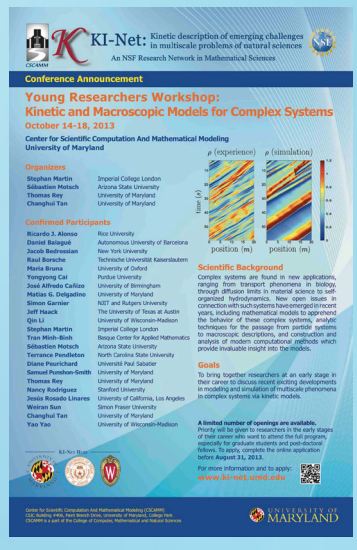
An NSF Research Network in Mathematical Sciences

## Conference Announcement

# Young Researchers Workshop: Ki-Net 2012–2019

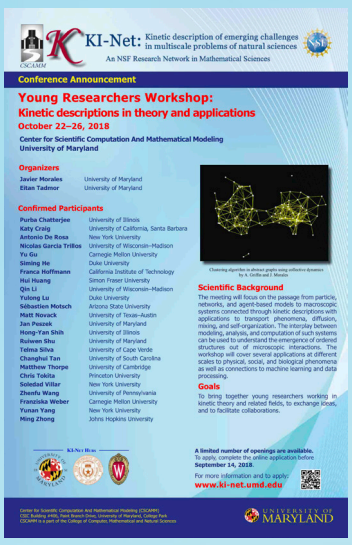
## October 21–25, 2019

## Center for Scientific Computation And Mathematical Modeling, University of Maryland







## Organized by

**Eitan Tadmor** University of Maryland

## Confirmed Participants

**Theodore D. Drivas** Princeton University
**Di Fang** University of Wisconsin–Madison
**Amaury Hayat** Sorbonne University
**Siming He** Duke University
**Trevor M. Leslie** University of Wisconsin–Madison
**Michael Lindsey** University of California, Berkeley
**Javier Morales** University of Maryland
**Ruiwen Shu** University of Maryland
**Susanne Solem** NTNU
**Changhui Tan** University of South Carolina
**Xiaochuan Tian** University of Texas–Austin
**Minh-Binh Tran** Southern Methodist University
**Zhenfu Wang** University of Pennsylvania
**Yunan Yang** New York University
**Yuhua Zhu** University of Wisconsin–Madison

## Scientific Background

This will be the 8th Ki-Net YRW annual meeting. Participants are invited to present recent developments in kinetic theories—from particle, network, and agent-based models through kinetic descriptions to macroscopic systems—which arise in physical, social, and biological contexts. The workshop will cover different methodologies of modeling, analysis, and computation with applications to transport, diffusion, mixing, self-organization phenomena etc.

## Goals

To bring together young researchers working in kinetic theory and related fields, to exchange ideas, and to facilitate collaborations.

**A limited number of openings are available.**
To apply, complete the online application before **September 13, 2019**.
For more information and to apply:
**www.ki-net.umd.edu**

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CSCAMM is a part of the College of Computer, Mathematical and Natural Sciences

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