



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

An NSF Research Network in Mathematical Sciences



## Conference Announcement

# Formation of small scales in nonlinear PDEs

September 9–12, 2019

Center for Scientific Computation And Mathematical Modeling  
University of Maryland

### Organizers

<b>Jacob Bedrossian</b>	University of Maryland
<b>Pierre-Emmanuel Jabin</b>	University of Maryland
<b>Vlad Vicol</b>	New York University

### Confirmed Participants

<b>Scott Armstrong</b>	New York University
<b>Margaret Beck</b>	Boston University
<b>Theodore D. Drivas</b>	Princeton University
<b>Tarek Elgindi</b>	University of California, San Diego
<b>Siming He</b>	Duke University
<b>Alex Ionescu</b>	Princeton University
<b>Gautam Iyer</b>	Carnegie Mellon University
<b>Hao Jia</b>	University of Minnesota
<b>Alex Kiselev</b>	Duke University
<b>Anna Mazzucato</b>	Penn State University
<b>Toan Nguyen</b>	Penn State University
<b>Samuel Punshon-Smith</b>	Brown University
<b>Sylvia Serfaty</b>	New York University
<b>Robert M. Strain</b>	University of Pennsylvania
<b>Zhenfu Wang</b>	University of Pennsylvania
<b>Yao Yao</b>	Georgia Tech

**A limited number of openings are available.**  
To apply, complete the online application before  
**July 31, 2019.**

For more information and to apply:

**[www.ki-net.umd.edu](http://www.ki-net.umd.edu)**



Fan and Flame Vortex (Schlieren Method)  
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