

## Center for Nonlinear Analysis

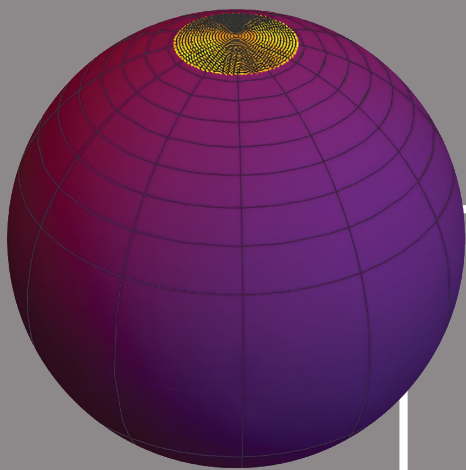
# WORKSHOP ON MATHEMATICAL MODELS FOR PATTERN FORMATION

**March 8-10, 2019**

Carnegie Mellon University  
Pittsburgh, PA

### Organizers:

Kaushik Dayal, Irene Fonseca, Giovanni Leoni  
*Carnegie Mellon University*



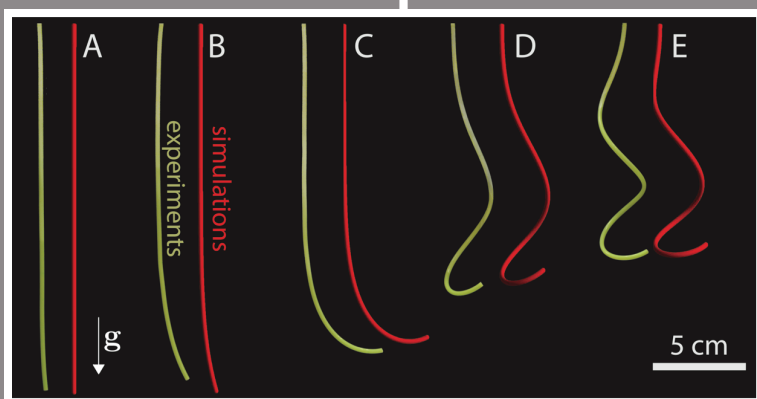
Courtesy of Peter Bella.

Melt ponds on Arctic sea ice. Courtesy of Karen Frey.



### Speakers:

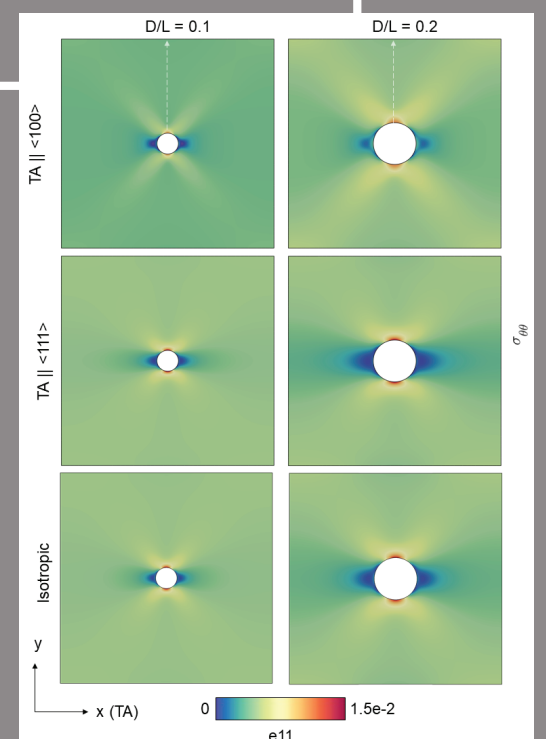
Basile Audoly, *CNRS and Ecole Polytechnique, France*  
Peter Bella, *Leipzig University, Germany*  
Irene Beyerlein, *University of California, Santa Barbara, USA*  
Rustum Choksi, *McGill University, Canada*  
Qiang Du, *Columbia University, USA*  
Kenneth M. Golden, *University of Utah*  
Richard James, *University of Minnesota, USA*  
Francisco López Jiménez, *University of Colorado Boulder, USA*  
Robert Kohn, *New York University, USA*  
Konstantinos Koumatos, *University of Sussex, UK*  
Maria Giovanna Mora, *University of Pavia, Italy*  
Massimiliano Morini, *University of Parma, Italy*  
Cyrill Muratov, *New Jersey Institute of Technology, USA*  
Paul Plucinsky, *University of Minnesota, USA*  
Angkana Rüland, *Max Planck Institute for Mathematics in the Sciences, Germany*  
Lev Truskinovsky, *Ecole Polytechnique, France*  
Franziska Weber, *Carnegie Mellon University, USA*  
Barbara Zwicknagl, *Technical University of Berlin, Germany*



Miller Lazarus Audoly Shapes of a suspended curly hair. Courtesy of Basile Audoly.

A limited amount of funds is available to support researchers in the early stages of their career who want to attend the program, especially for graduate students and post-doctoral fellows.

**DEADLINE FOR APPLICATIONS FOR SUPPORT IS NOVEMBER 30.**



Courtesy of Dr. M. Latypov, Beyerlein group.

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**CNA** Center for Nonlinear Analysis

This conference is sponsored by the  
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at Carnegie Mellon University.