

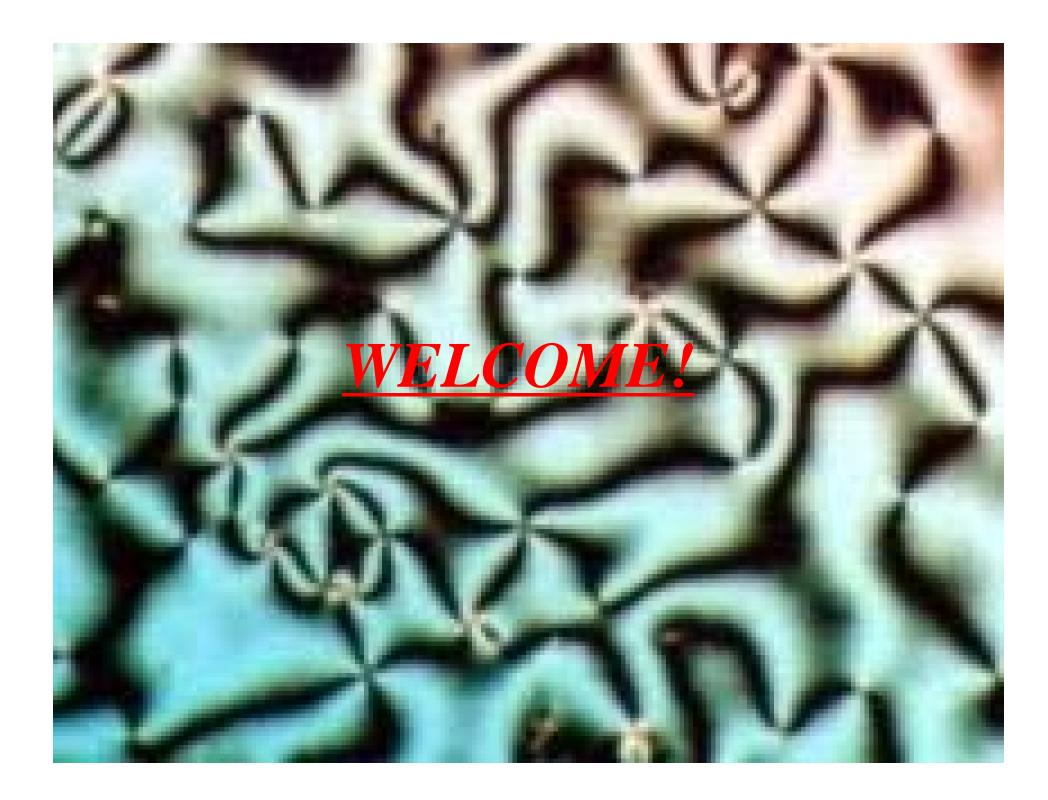


# Scientific Program

Glass track Computer science track Theory, simulation Computational complexity, information theory, experiment on glasses. Weeks 1 & 2: Packings. networks, statistical Basic tool inference, machine learning, Replica method, dynamical cavity method. methods Algorithms and dynam Quantum glasses, jamming, Neurosciences. self-assembly. Weeks 3 Granular and colloidal dvanced topics

Main message of the school: substantial unity of methods between the two tracks!



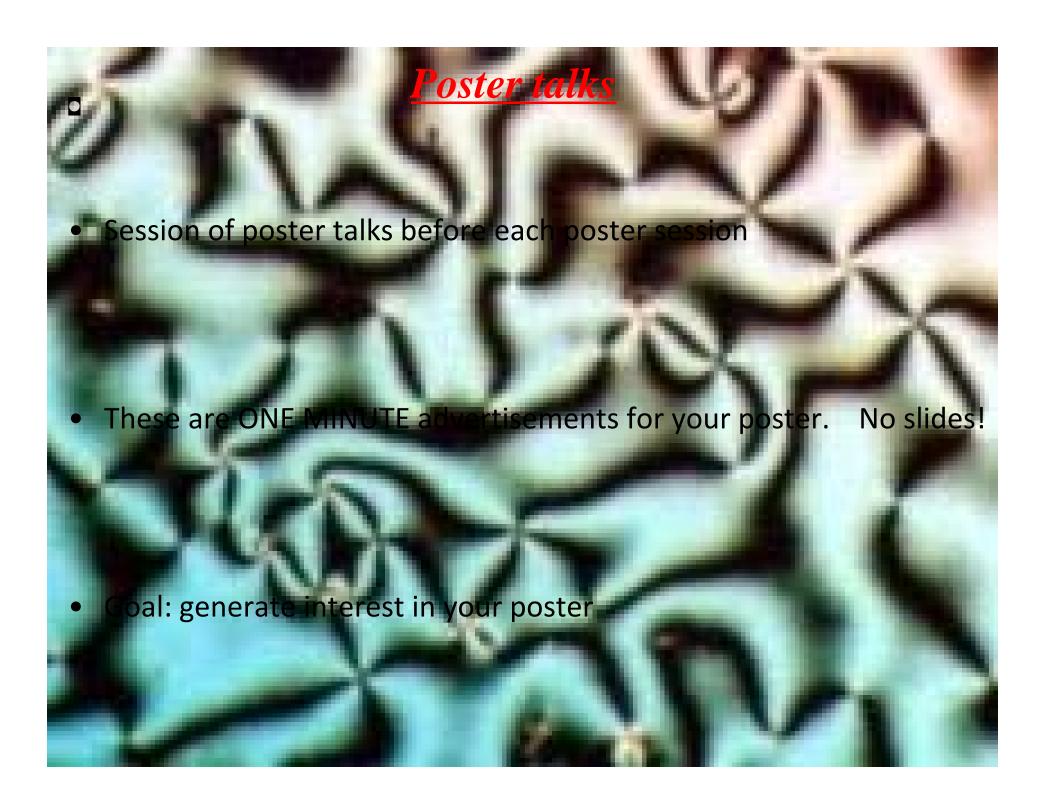


# Scientific Program

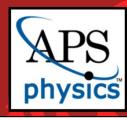
Glass track Computer science track Theory, simulation Computational complexity, information theory, experiment on glasses. Weeks 1 & 2: Packings. networks, statistical Basic tool inference, machine learning, Replica method, dynamical cavity method. methods Algorithms and dynam Quantum glasses, jamming, Neurosciences. self-assembly. Weeks 3 Granular and colloidal dvanced topics

Main message of the school: substantial unity of methods between the two tracks!









www.aps.org/uni

A new community of over 1500 soft matter scientists

### **GSOFT** sponsors:

- Soft matter sessions at March Meeting
- Early Career Award for Soft Matter Research
- APS Fellows nominations

#### How much does it cost?

- First year is free.
- Annual dues: \$10.
- Graduate students join 2 APS units for free.

### Why join as a student/post-doc?

- •Travel grants for student speakers (up to \$500)
- Student/post-doc poster prizes
- •Short courses prior to March Meetings
  - 2017: "Fundamental Concepts and Tools in Computational Soft Matter Physics"
- •Get announcements about soft matter events
- •Vote in GSOFT leadership elections
- •Help GSOFT grow into an APS Division, so we can get more resources for soft matter!

APS membership: \$37/vr for grad students

#### **Questions about joining? Contact:**

Vivek Sharma viveks@uic.edu, Daniel Beller dbeller@seas.harvard.edu, Eric Corwin ecorwin@uoregon.edu

