



“Geometrically Frustrated Self-Assembly”

27-29 November 2017

**Jadwin Hall, Fourth Floor, Room 407
PCTS Seminar Room**

Geometrically frustrated assembly is an emerging paradigm for self-organized soft materials, where interactions between self-assembling elements (e.g., particles, macromolecules, proteins) favor local packing motifs that are incompatible with uniform global order in the assembly, either because of shape mismatch between the particles or because of the specificity of the interactions. This meeting aims at bringing together, for the first time, a panel of theorists and a few experimentalists whose current research covers an aspect of this problem, and thinking together about the key questions regarding the concept and physical models of frustrated self-assembly.

**FREE, but REQUIRED REGISTRATION is limited and
available online at**

<http://pcts.princeton.edu/pcts>

Workshop Organizers:

Gregory Grason (UMass Amherst), Pierre Ronceray (Princeton University)

Speakers

Patrick Charbonneau, Duke University
Haim Diamant, Tel Aviv University
Zvonimir Dogic, Brandeis University
Efi Efrati, Weizmann Institute
Gregory Grason, University of Massachusetts
Ryan Hayward, University of Massachusetts
Miranda Holmes-Cerfon, New York University
Randall Kamien, University of Pennsylvania
Vinothan Manoharan, Harvard University
Sabetta Matsumoto, Georgia Tech
Avrind Murugan, University of Chicago
Pierre Ronceray, Princeton University

Gilles Tarjus, Paris 6
Ned Wingreen, Princeton University
Tom Witten, University of Chicago