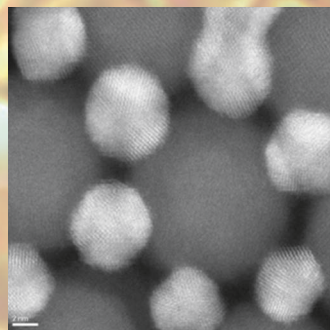
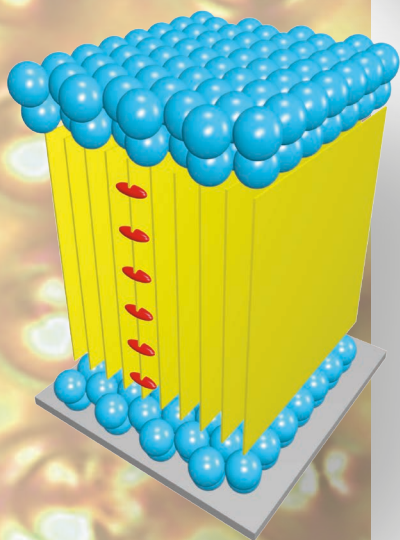
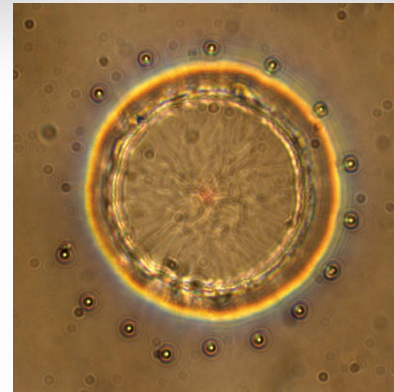
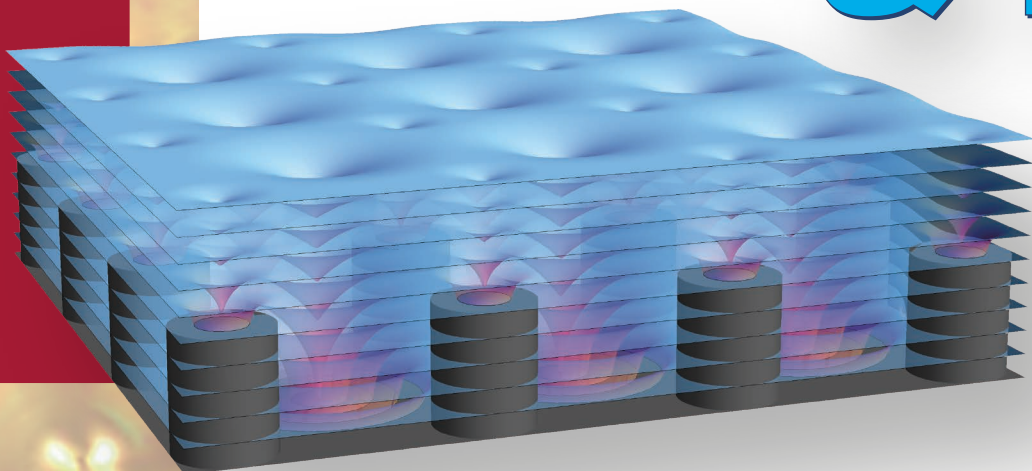




The Laboratory
for Research on
the Structure
of Matter

MRSEC Workshop on

Liquid Crystals & Particles



Registration is required and **FREE**
www.lrsm.upenn.edu/events/LCP2013.html

- | | |
|---------------|--|
| 8:30 - 9:00 | Breakfast |
| 9:00 - 9:10 | Welcome/Introduction – Arjun Yodh |
| 9:10 - 9:40 | Talk 1 – Mohamed Gharbi
<i>Self-assembly of solid particles at smectic membranes</i> |
| 9:40 - 10:20 | Talk 2 – Linda Hirst (UC Merced)
<i>Designing materials by liquid crystal/nanoparticle co-assembly</i> |
| 10:20 - 10:40 | Coffee |
| 10:40 - 11:20 | Talk 3 – Chris Murray
<i>Nanoparticle options for incorporation in liquid crystalline phases</i> |
| 11:20 - 12:00 | Talk 4 – Bertrand Donnio (CNRS/Rhodia/Penn)
<i>Low-dimensional self-assemblies of liquid-crystalline nanoparticles</i> |
| 12:00 - 1:30 | Lunch |
| 1:30 - 2:10 | Talk 5 – Nader Engheta
<i>How materials become optical nanocircuits</i> |
| 2:10 - 2:50 | Talk 6 – Sayantani Ghosh (UC Merced)
<i>Optical spectroscopy of soft-templated nanoparticle assembly</i> |
| 2:50 - 3:20 | Coffee |
| 3:20 - 3:50 | Talk 7 – Alison Sweeney
<i>Bio-photonic systems in giant clams and squids</i> |
| 3:50 - 4:20 | Talk 8 – Francesca Serra
<i>Memory effects in confined liquid crystals</i> |
| 4:20 - 5:00 | Talk 9 – Cherie Kagan
<i>Patterning Nanocrystals into Functional Superstructures</i> |
| 5:00 - 6:30 | Poster Session |
| 6:30 | Dinner |

date:
time:
place:

Monday December 16, 2013
8:30 am - 6:00 pm
Glandt Forum (3rd Floor)
Singh Nanotechnology Building
3205 Walnut Street
Philadelphia, PA 19104



for more information, visit <http://www.lrsm.upenn.edu>