

# Soft Matter Nanophotonics Symposium

Friday, August 21, 9 AM-5 PM, JILA B111  
JILA Auditorium, University of Colorado

<b>8:45 – 9:00</b>	<b>Introduction</b>
<b>9:00 – 9:40</b>	<b>Robert McLeod</b> Passive and active photonic devices in soft and conductive polymers
<b>9:45 – 10:25</b>	<b>Margaret Murnane</b> X-ray photonics on a tabletop and applications in materials science and imaging
<b>10:30 - 11:00</b>	<b>Coffee Break</b>
<b>11:00 – 11:40</b>	<b>Prashant Nagpal</b> Nucleic acid macromolecules: Molecular self-assembly, nano-bioelectronics and more
<b>11:45 – 12:25</b>	<b>Markus Raschke</b> Seeing with the nano-eye: spatio-spectral imaging of structure, function, and dynamics of matter
<b>12:30 – 2:00</b>	<b>Catered lunch and posters</b> Gamow 11 <sup>th</sup> floor
<b>2:00 – 2:40</b>	<b>Xiaobo Yin (Yaoguang Ma)</b> Day- and night-time radiative cooling based on polymer sub-lambda photonics
<b>2:45 – 3:25</b>	<b>Won Park</b> Self-assembled nanoclusters for enhanced frequency upconversion
<b>3:30 – 4:10</b>	<b>Dan Schwartz (Dapeng Wang)</b> Study of anomalous diffusion at solid/liquid interfaces using single particle tracking
<b>4:15 – 4:55</b>	<b>Ivan Smalyukh</b> Plasmonic and photon-upconverting liquid crystal colloids
<b>5:00 - ?</b>	<b>Posters and Snacks</b> Gamow 11 <sup>th</sup> floor