<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Clara Kielkopf</td>
<td>University of Rochester</td>
<td>“Adaptable 3’ Splice Site Recognition by U2AF65”</td>
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<tr>
<td>Tobias Hanrath</td>
<td>Cornell University</td>
<td>“Structural Insights into the α-Kinase Domain of Dictyostelium Myosin Heavy Chain Kinase A”</td>
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<tr>
<td>Matthew Miller</td>
<td>Cornell University</td>
<td>“A Micromechanical Testing Capability at CHESS A2 Using High Energy X-rays and In Situ Loading”</td>
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<tr>
<td>Gino Cingolani</td>
<td>Thomas Jefferson University</td>
<td>“Three-Dimensional Structure of a Viral Genome-Delivery Portal Vertex”</td>
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<tr>
<td>Kaylas Das</td>
<td>Rutgers University</td>
<td>“Structural Insights into RNA- vs. DNA-dependent DNA Polymerization by HIV-1 Reverse Transcriptase”</td>
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<tr>
<td>Serena DeBeer</td>
<td>Cornell University</td>
<td>“Iron K-Beta X-ray Emission Spectroscopy as a Probe of Biological and Chemical Catalysis”</td>
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<tr>
<td>To Be Announced</td>
<td></td>
<td>Winner of the 2010 CHESS Research Paper Prize</td>
</tr>
<tr>
<td>Poster Session</td>
<td></td>
<td>Awards for ‘best’ in two categories: Science and Technical Development</td>
</tr>
<tr>
<td>After Dinner Speaker</td>
<td>Dr. David Barclay – SUNY Cortland</td>
<td>“Ice Ages in the Finger Lakes”</td>
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**Wednesday, June 9th**

**Workshop I: “Grazing-Incidence X-ray Scattering: State-of-the-Art and Future Prospects”**

- Clara Kielkopf - University of Rochester  
  “Adaptable 3’ Splice Site Recognition by U2AF65”
- Tobias Hanrath - Cornell University  
  “Nanocrystal Superlattices as Artificial Solids – Controlling lattice symmetry via ligand-solvent interactions”
- Christine Papadakis - Technical University of Munich  
  “Solvent Vapor Treatment of Block Copolymer Thin Films – a Routine Method with Little Surprises”
- Jin Wang - Advanced Photon Source  
  “With and Without Waveguide Enhancement: GISAXS for understanding kinetics and dynamics in nanostructures”
- Tomek Kowalewski - Carnegie Mellon University  
  “AFM and GISAXS Studies of Nanostructure in Regioregular Poly (3-hexylthiophene) and its Blends with pheny-C61-butyric-acid-methyl-ester”
- Joel Brock - Cornell University  
  “Real-Time Grazing Incidence Diffraction Studies of Thin-Film Deposition and Processing”
- Michael Pierce - Advanced Photon Source  
  “Coherent X-ray Surface Diffraction: A new tool for surface science demonstrated on the Au (001) and Pt (001) surface reconstructions”

**Workshop II: “RNA Crystallography”**

- Clara Kielkopf - University of Rochester  
  “Adaptable 3’ Splice Site Recognition by U2AF65”
- Tobias Hanrath - Cornell University  
  “Nanocrystal Superlattices as Artificial Solids – Controlling lattice symmetry via ligand-solvent interactions”
- Joe Wedekind - University of Rochester  
  “A PreQ1 Riboswitch that Adopts a Highly Folded Structure in the Absence of Ligand”
- Nozomi Ando - Massachusetts Institute of Technology  
  “The Oligomerization State of the Ribonucleotide Reductase Complex Studied by Solution Small-angle X-ray Scattering”
- Roopa Thapar - Hauptman-Woodward Institute  
  “A Phosphorylation-Dependent Conformational Switch Regulates Histone mRNA Recognition and Turnover by Stem Loop Binding Protein”
- Changrui Lu - Cornell University  
  “Structural Studies of SAM-binding Riboswitches Identify Key Elements in Folding Stability”
- Man Hee Suh - Cornell University  
  “Recognition of RNA Polymerase II by RNA Capping Enzyme and Functional Significance of the Interface”

For more information and registration: http://www.chess.cornell.edu