

**ASTRONOMICAL SOCIETY OF NEW YORK (ASNY)**  
**UNIVERSITY OF ROCHESTER DEPARTMENT OF PHYSICS AND ASTRONOMY**  
**April 17, 2004**

**PROGRAM**

**Invited papers are 40 min + 5 min questions and Contributed papers are 10 min + 5 min questions.**

**Joint ASNY.RSPS Undergraduate Session**

**9:00 am B&L 109 Welcome and Announcements**

**9:15 am**

Kevin Flaherty, University of Rochester – Stellar Formation and Spatial Distributions in S171

Mike Dunham, University of Rochester – A Near and Mid-Infrared Study of Young Stellar Cluster S140N

Evan Flath, Skidmore College – Characteristic Star Forming Scales in Blue Compact Dwarf Galaxies

Melissa McClure, University of Rochester – Near-Infrared Imaging of Young Stellar Objects in rho Ophiuchus

Aaron Morris, Union College – Better Homes and Gardens on Mars: Terraforming the Red Planet as Science (Fiction)

Amanda LaPage, University of Rochester – Protoplanet Disks and Eccentric Orbits

**10:45 am -11:15 am Coffee Break B&L 208**

**Regular ASNY Sessions**

**11:25 am -11:55 am Dewey 101**

Ben Sargent, University of Rochester – Reduction and Interpretation of Spitzer IRS Data for V928 TAU

Drew Moore, University of Rochester – Hybridized Silicon P-I-N Arrays

**12:00 pm -1:00 pm Lunch Meliora Club**

**1:15 pm Dewey 101**

**Invited Talk:** James Lattimer, Stony Brook University – Masses and Radii of Neutron Stars

Bjoern Schmekel, Cornell University – A Model of the Coherent Synchrotron Radiation Instability

David Meisel, SUNY Geneseo – Internet Access to a Small Radio Telescope:

Bringing the Universe to a Computer Screen Near You

**2:30-2:45 pm Short Break B&L 208**

**Invited Talk:** Dan Watson, University of Rochester – The Evolution of Protoplanetary Disks, 0.5-10 Myr: First Results from the Spitzer Space Telescope

Michael Richmond, Rochester Institute of Technology – An X-Ray Outburst from the Rapidly Accreting Protostar at the Core of McNeil's Variable Nebula

**3:45 End of Meeting**