

First Workshop on Binaries in the Solar System
August 20-23, 2007
Steamboat Springs, Colorado USA

Scientific Presentations

First Author	Institution	Presentation Title
Benner	JPL	Radar images of ten binary near-Earth asteroids
Britt	Univ Central Florida	The density and porosity of binary asteroids
Buie	Lowell Observatory	Dynamical and physical studies of the Pluto system
Chapman	Southwest Research Inst	Implications for small-body binaries from doublet craters
Conrad	Keck Observatory	Shape, size, and pole of resolved asteroids
Durda	SwRI / NASA Headquarters	Numerical models of the formation of asteroid satellites in large impacts
Enke	Southwest Research Inst	Satellite-forming impact simulations: past, present, and funded future
Fahnestock	Univ Michigan	The dynamics of binary NEAs and their evolution: Perspectives from the KW4 investigation
Grundy	Lowell Observatory	A new, large HST large survey of trans-neptunian binary orbits: Strategy and early results
Harris	Space Science Inst	How binaries color themselves green, and other just-so stories
Holsapple	Univ Washington	The spin fission of small asteroids into binaries
Howell	Arecibo Observatory	Radar detection of binary asteroids
Kern	Space Telescope Science Inst	Variability of Kuiper Belt binaries
Kitazato	Univ Tokyo	Decelerating spin state of 25143 Itokawa due to YORP effect (poster)
Kryszczyńska	Astron. Observatory, Poznan, Poland	809 Lundia - a new synchronous V-type binary in the Flora family
Lacerda	Univ Hawaii	The abundance of contact binaries in the Kuiper Belt
Maley	United Space Alliance	Evidence for asteroidal satellites from 30 years of occultation observations
Margot	Cornell Univ	Recent observations of binaries
Michalowski	Poznan Astron. Observatory, Poland	Lightcurves of the synchronous eclipsing binary asteroids
Nolan	Arecibo Observatory	Radar observations of binary asteroids
Noll	Space Telescope Science Inst	Statistics of transneptunian binaries
Ostro	JPL	Actual and potential radar information about binary NEAs: Perspectives from the KW4 investigation
Owen	JPL	Orbit determination for asteroid satellites
Pravec	Astron. Inst. Ondrejov, Czech Republic	Trends in characteristics of small NEA and MB binaries
Ragozzine	Caltech	The interacting satellites of 2003 EL61
Reddy	Univ North Dakota	Compositional diversity of binary near-Earth and main-belt asteroids
Scheirich	Ondrejov Obs., Czech Republic	Properties of binaries from photometric data (poster)
Stansberry	Univ Arizona	Densities of distant binaries: Constraints from Spitzer
Stephens	Brigham Young Univ	Identifying binary transneptunian objects using model PSFs (poster)
Tamblyn	Southwest Research Inst	Sizes of small main-belt binaries 17246 and 22899 from Spitzer IRAC thermal emission measurements (poster)
Taylor	Cornell Univ	Tidal evolution of solar system binaries
Terrell	Southwest Research Inst	Binary asteroid observations with the Sonoita Research Observatory robotic 0.35m telescope
Tholen	Univ Hawaii	Masses of Nix and Hydra
Walsh	Univ Maryland	Spinup of strengthless bodies as a binary formation mechanism
Warner	Palmer Divide Observatory	Asteroid photometry at the Palmer Divide Observatory