Arecibo Asteroid Dynamics Workshop

SUNDAY evening: Welcome Reception in Library

MONDAY morning: Orbits

9:00  Steve Chesley  The First Direct Measurement of Yarkovsky Acceleration on an Asteroid
9:20  David Nesvorný  Yarkovsky Effect Measured for Main-Belt Asteroids
9:40  David Vokrouhlický  Next Yarkovsky Candidates
10:00 Jon Giorgini  Asteroid Orbit Determination and Radar Astrometry: Small Forces and Long-Term Prediction

10:20  Coffee Break

11:00  Jenni Virtanen  Asteroid Impact Risk Assessment at Discovery: The Case of 2004 AS1
11:20  Takashi Ito  Near-Earth Orbital Distribution of Asteroid Fragments Coming from the Resonance Zone

Lunch 11:40 - 1pm

MONDAY afternoon: Spins

1:00  Alan Harris  Fast and Slow Spins Revisited: YORP alteration
1:20  Petr Pravec  Tumbling Asteroids
1:40  Matija Cuk  YORP for Synchronous Asteroidal Satellites
2:00  Mike Belton  Deduction of the Possible Excited Spin States of 2P/Encke

2:20  Coffee Break

3:00  Bill Bottke  Searching for the Long Lost Precursors of the Primordial Earth
3:20  Don Campbell  Asteroid Pole Directions from Radar Interferometry
3:40  Lynn Carter  Using Multi-Polarization Radar to Search for Regolith on Asteroids
4:00  Mikko Kaasalainen  Asteroid Spins and Shapes from Multidatainversion: The Big Picture

4:20  Discussion

Dinner at AO Cafeteria 6:00 - 7:00

Rum Tasting 7:00 - ??
TUESDAY morning: Observatory Tours 9-11

Lunch 11:20 - 1:00
TUESDAY afternoon

1:00  Željko Ivezic  The Properties of Main-belt Asteroids Measured by the Sloan Digital Sky Survey
1:20  Jean Souchay  Accurate Ephemerides of Eros’ Rotation
1:40  Mike Nolan  Radar Observations of Binary Asteroids
2:00  Steve Ostro  Radar Observations of Binary Near-Earth Asteroid 66391 (1999 KW4)

2:20  Coffee Break

3:00  George Flynn  Does Microporosity or Macroporosity Dominate in Stone Asteroids?: Evidence from Stone Meteorites
3:20  Fumi Yoshida  Photometric Observation of Karin Family Asteroids
3:40  Brian Warner  Amateur Contributions to the Study of Asteroid Lightcurves
4:00  Andy Rivkin  Constraining NEA Albedos Using Near-Infrared Spectroscopy
4:20  Discussion

Dinner at El Observatorio 6:30-10

WEDNESDAY Morning: Shapes

9:00  Derek Richardson  Equilibrium Shapes of Rubble Piles
9:20  Kevin Walsh  Tidal Reshaping of the Near Earth Asteroid Population
9:40  Juan Carlos Cersosimo  On the Formation and Dissociation of Binary Asteroids and Comets

10:00  Coffee Break and Group Photo

10:40  Ishan Sharma  Dynamics of Deformable Asteroids
11:00  Donald Korycansky  Topics in Asteroid Dynamics

11:20  Discussion

Buen Viaje and Rum Re-Tasting

Poster  Alan Harris  Asteroid Lightcurve Parameters Data File