

Publications

Verma, Ashok; Margot, Jean-Luc; Greenberg, Adam, “Prospects of Dynamical Recovery of General Relativity Parameter β and Solar Quadrupole Moment J_2 with Asteroid Radar Astronomy”, *The Astrophysical Journal* (submitted, 2017)

Greenberg, Adam H.; Margot, Jean-Luc; Verma, Ashok K.; Taylor, Patrick A.; Naidu, Shantanu P.; Brozovic, Marina.; Benner, Lance A. M. , “Asteroid 1566 Icarus’s Size, Shape, Orbit, and Yarkovsky Drift from Radar Observations”, *The Astronomical Journal*, Volume 153, Issue 3, article id. 108, 16 pp. (2017)

Greenberg, Adam H.; Margot, Jean-Luc, “Improved Algorithms for Radar-based Reconstruction of Asteroid Shapes”, *The Astronomical Journal*, Volume 150, Issue 4, article id. 114, 10 pp. (2015)

Biddle, Lauren I.; Pearson, Kyle A.; Crossfield, Ian J. M.; Fulton, Benjamin J.; Ciceri, Simona; Eastman, Jason; Barman, Travis; Mann, Andrew W.; Henry, Gregory W.; Howard, Andrew W.; Williamson, Michael H.; Sinukoff, Evan; Dragomir, Diana; Vican, Laura; Mancini, Luigi; Southworth, John; Greenberg, Adam; Turner, Jake D.; Thompson, Robert; Taylor, Brian W.; Levine, Stephen E.; Webber, Matthew W., “Warm ice giant GJ 3470b - II. Revised planetary and stellar parameters from optical to near-infrared transit photometry”, *Monthly Notices of the Royal Astronomical Society*, Volume 443, Issue 2, p.1810-1820 (2014)

Conference proceedings

Greenberg, A.; Erasmus, N.; Nesvold, E. R.; van Heerden, E.; Galache, J. L.; Dahlstrom, E.; Marchis, F. , “The Deflector Selector: A Machine Learning Framework for Prioritizing Deflection Technology Development”, *Planetary Defense Conference* (2017)

Greenberg, Adam; Margot, Jean-Luc; “Non-Gravitational Perturbations And The Importance Of Radar Observations On Neo Trajectory Determination”, *Planetary Defense Conference* (2017)

Lesyna, Larry; Margot, Jean-Luc; Greenberg, Adam; Shinde, Akshay; Alladi, Yashaswi; Prasad MN, Srinivas; Bowman, Oliver; Fisher, Callum; Gyalay, Szilard; McKibbin, William; Miles, Brittany E.; Nguyen, Donald; Power, Conor; Ramani, Namrata; Raviprasad, Rashmi; Santana, Jesse, “The Benefits of Adding SETI to the University Curriculum and What We Have Learned from a SETI Course Recently Offered at UCLA”, *American Astronomical Society, AAS Meeting #229, id.333.03*, (2017)

McGuire, Chris; Greenberg, Adam; Santamari-Perez, David; MakhluF, Adam; Kavner, Abby, “Isothermal equation of state of Fe₅Si₃ up to 96 GPa”, *COMPRES Annual Meeting*, (2016)

Raissi, Chedy; Lamee, Mehdi; Mosiane, Olorato; Vassallo, Corinne; Busch, Michael W.; Greenberg, Adam; Benner, Lance A. M.; Naidu, Shantanu P.; Duong, Nicholas, “New Approaches For Asteroid Spin State and Shape Modeling From Delay-Doppler Radar Images”, *American Astronomical Society, DPS meeting #48, id.326.11*, (2016)

Taylor, P. A.; Richardson, J. E.; Rivera-Valentin, E. G.; Rodriguez-Ford, L. A.; Zambrano-Marin, L. F.; Nolan, M. C.; Howell, E. S.; Benner, L. A. M.; Brozovic, M.; Naidu, S. P.; Jao, J. S.; Lee, C. G.; Giorgini, J. D.; Busch, M. W.; Marshall, S. E.; Margot, J. L.; Greenberg, A. H.; Ghigo, F. D.; Shepard, M. K.; Schmelz, J. T. , “Radar Observations of Near-Earth Asteroids from Arecibo and Goldstone”, *47th Lunar and Planetary Science Conference*, (2016)

Greenberg, Adam; Margot, Jean-Luc, “Improved Algorithms for Radar-Based Reconstruction of Asteroid Spin States and Shapes”, *American Astronomical Society, DPS meeting #47, id.307.04*, (2015)