

Ames,W.F., D. Brain, A. Poppe, J.S. Halekas, J.W. Bonnell, J.P. McFadden, K-H. Glassmeier, V. Angelopoulos, A statistical study of the lunar plasma wake using ARTEMIS measurements, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1622, 2011.

Angelopoulos, V., J.S. Halekas, D.G. Sibeck, J. McFadden, F. Plaschke, J. Bonnell, G.T. Delory, R. Lillis, K. Khurana, C.T. Russell, The ARTEMIS mission and first results, P22A-01, Western Pacific Geophysics Meeting, 2010.

Angelopoulos, V., R. Lillis, D.G. Sibeck, J. Halekas, G.T. Delory, K.K. Khurana, C.T. Russell, J.P. McFadden, J. Bonnell, D. Larson (2010), ARTEMIS, a two spacecraft, planetary and heliophysics lunar mission, 41st Lunar and Planetary Science Conference, id: 1425, 2010.

Bleacher L.V., Weir H., Gross N., Farrell W.M. (2009) Dynamic Response of the Environment at the Moon (DREAM): Engaging students, teachers, and the public in learning about the solar-lunar connection. Lunar Sci. Forum II, NASA Lunar Sci. Inst. (abstract)

Bleacher L.V., Weir H., Twu Y., Farrell W.M., Gross N. (2009) Dynamic Response of the Environment at the Moon (DREAM): Providing opportunities for students and teachers to learn about the solar-lunar environmental connection. Eos Trans. AMERICAN GEOPHYSICAL UNION, 90(52), Fall Meet. Suppl., Abstract ED41A-0521

Bleacher L.V., Weir H., Farrell W.M., Gross N. (2010) Dynamic Response of the Environment at the Moon (DREAM): Opportunities for students and teachers to learn about the solar-lunar environmental connection. Lunar Sci. Forum II, NASA Lunar Sci. Inst. (abstract)

Brain, D.A., W.F. Ames, A. Poppe, J.S. Halekas, J.W. Bonnell, K-H. Glassmeier, J.P. McFadden, V. Angelopoulos, ARTEMIS spacecraft observations of lunar magnetic anomalies at low altitude, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1627, 2011.

Collier, M. R., W. M. Farrell, J. W. Keller, and T. J. Stubbs, A Fractal Model for the Capacitance of Lunar Dust and Lunar Dust Aggregates, NASA Lunar Science Forum, Moffett Field CA, 2012

Collier, M. R., W. M. Farrell, J. W. Keller, and T. J. Stubbs, The Lunar Dust Pendulum, NASA Lunar Science Forum, Moffett Field CA, 2012

Collier, M. R., H.K. Hills, J. Halekas, W.M. Farrell, G.T. Delory, J.Espley, J.W. Freeman, R. Vondrak, J. Kasper (2009). Lunar surface potential increases during terrestrial bow shock traversals, Lunar Science Forum, 2009.

Collier, M. R. , T.J. Stubbs, H.K. Hills, J.S. Halekas, W.M. Farrell, G.T. Delory, J.R. Espley, J.W. Freeman, R.R. Vondrak (2010), Lunar surface potential changes associated with foreshock energetic electrons, Lunar Science Forum 2010.

Collier, M. R., H.K. Hills, T.J. Stubbs, J.S. Halekas, G.T. Delory, J. Espley, W.M. Farrell, J.W. Freeman, R. Vondrak (2010), Lunar surface potentials associated with traversals of the terrestrial bow shock, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Farrell, W. M., DREAM: Dynamic Response of the Environment at the Moon (2009), NASA/GSFC's Lunar Exploration and Science Working Group (LESWG), May 22, 2009

Farrell W. M., T.J. Stubbs, R. R. Vondrak, G. T. Delory, J. S. Halekas, and the DREAM Lunar Science Institute, The Enigma of Lunar Dust Transport, NASA Lunar Science Forum, Moffett Field CA, 2012

Farrell, W. M., G. Delory, R. Killen, J. Halekas, S. Bale, D. Krauss-Varban, R. Vondrak, M. Collier, J. Keller, T. Jackson, R. Hartle, M. Hesse, M. Sarantos, R. Elphic, T. Colaprete, T. Stubbs, D. Hurley, J. Marshall, R. Hodges, D. Glenar, W. Paterson, H. Spence, L. Bleacher, H. Weir, M. Horanyi, M. Dube, M.

Hyatt, J. Kasper, Y. Saito (2009), Dynamic response of the environment at the Moon (DREAM): A NLSI team exploring the solar-lunar connection, Lunar Science Forum 2009.

Farrell, W. M. T.J. Stubbs, J.S. Halekas, G.T. Delory, M.R. Collier, R.R. Vondrak (2009), The anticipated electrical environment within permanently shadowed lunar craters, Lunar Science Forum 2009.

Farrell, W. M., B. Bussey, M.R. Collier, G.T. Delory, M.D. Dyar, R.C. Elphic, J.S. Halekas, C. Hibbits, R.R. Hodges, D.M. Hurley, G.A. Grieves, J.W. Keller, R.M. Killen, J.R. Marshall, T.M. Orlando, M. Sarantos, T.J. Stubbs, Solar wind manufacturing of water on the Moon: An ongoing NLSI discussion, Fall AMERICAN GEOPHYSICAL UNION, Talk P13H-05, 2011.

Farrell, W.M., J. S. Halekas, T. J. Stubbs, G. T. Delory, R. M. Killen, M. R. Collier, R. R. Vondrak, T. L. Jackson and NLSI DREAM team (2010), Plasma Flow Past an Obstacle: Advances Derived from Lunar Applications, Lunar Dust, Atmosphere, and Plasma: The Next Steps, Jan 28, 2010.

Farrell, W. M., DREAM: Dynamic Response of the Environment at the Moon, NASA/Goddard Space Flight Center SED Director's Seminar, May 26, 2010

Farrell, W. M., Lunar Dust, Exosphere, and Plasma: Our DREAM Science, LRO EPO Forum, July 15, 2010

Farrell, W. M. et al., SOLAR STORM-LUNAR INTERACTION MODELING: A FOCUS STUDY BY THE DREAM LUNAR SCIENCE INSTITUTE, Annual Meeting of the Lunar Exploration Analysis Group, Houston, Tx, 2011

Farrell, W. M., Killen, R. R. Vondrak, D. M. Hurley, T.J. Stubbs, G. T. Delory, J. S. Halekas, M. I. Zimmerman, and the DREAM Lunar Science Institute, Space Environmental Erosion of Polar Icy Regolith, A Wet vs Dry Moon Workshop, Houston, Tx, 2011

Farrell W. M., THE CHARACTER OF THE SOLAR WIND, SURFACE INTERACTIONS, AND WATER, A Wet vs Dry Moon Workshop, Houston, Tx, 2011

Farrell, W. M., The lunar plasma environment, UCLA space physics seminar series, May 2011.

Farrell, W. M., R. M. Killen, G. T. Delory, D. Hurley, D. Krauss-Varben, P. Travnicek, M. Zimmerman, Solar Storm/Lunar Atmosphere Modeling (SSLAM): A solar storm and its effects at the Moon, Future Exploration & Science Working Group, Oct 27 2011.

Farrell W. M. et al., The DREAM and ARTEMIS lunar plasma science connection, ARTEMIS Science Working Group, Oct 2011

Farrell, W. M., R. M. Killen, G. T. Delory, T. J. Stubbs, M. R. Collier, A. Colaprete, J.-E. Wahlund, M. W. Morooka, M. Shafiq, W. S. Kurth, D. A. Gurnett, NLSI DREAM team and Cassini RPWS team, Lunar impact debris plume: Is the Enceladus plume a reasonable analog?, Lunar Science Forum 2010, July 20, 2010.

Farrell, W. M., T.J.W. Lazio, T.J. Stubbs, R.J. McDowell, J.O. Burns, J.S. Halekas, Lunar environmental effects and astrophysical platforms, Lunar Science Forum, 2010.

Farrell, W. M., R. M. Killen, and G. T. Delory, DREAM and its support of LADEE, NASA/Goddard Space Flight Center SED Director's Seminar, Aug 25, 2010.

Farrell, W. M., T. L. Jackson, J. S. Halekas, T. J. Stubbs, G. T. Delory, R. M. Killen, M. R. Collier, R. R. Vondrak, and DREAM LSI team, Are there electrical hazards associated with operations in the lunar polar region?, LEAG2010 Meeting, Sept 14 2010

Farrell, W. M., R. M. Killen, G. T. Delory, T. J. Stubbs, Y. Wang, M. Collier, LRO/LOLA team and NLSI DREAM team (2010), THE CASE FOR REACTIVE SURFACE GEOCHEMISTRY AT THE MOON, 41st Lunar Planetary Science Conference, Mar 2, 2010

Farrell, W.M., T.J. Stubbs, T.L. Jackson, A. Colaprete, J.L. Heldman, P.H. Schultz, R.M. Killen, G.T. Delory, J.S. Halekas, J.L. Marshall, M.I. Zimmerman, M.R. Collier, and R.R. Vondrak, Electrical evolution of a dust plume from a low energy lunar impact: A model analog to LCROSS. 42nd LPSC, 2011.

Farrell, W.M., R.M. Killen, R.R. Vondrak, D.M. Hurley, T.J. Stubbs, Could lunar polar ice be a "fountain" source for the dayside water veneer?, 42nd LPSC, 2011.

Farrell W. M. , M. A. Zimmerman, A. Poppe, J. S. Halekas, G. T. Delory, THE LUNAR PHOTOELECTRON SHEATH: A CHANGE IN TRAPPING EFFICIENCY DURING A SOLAR STORM, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.

Fillingim, M.O., G.T. Delory, J.S. Halekas, R. E. Grimm, Electromagnetic wave power observed near the Moon during terrestrial bow shock crossings and its importance for subsurface sounding, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1631, 2011.

Fillingim, M.O., G.T. Delory, J.S. Halekas, R.E. Grimm, Signal strength and bandwidth for magnetotelluric sounding of the interior of the Moon, Fall AMERICAN GEOPHYSICAL UNION, Talk DI43A-1944, 2010.

Fillingim, M.O., G.T. Delory, J.S. Halekas, R. E. Grimm, Electromagnetic wave power observed near the Moon during terrestrial bow shock crossings and its importance for subsurface sounding, *Fall AMERICAN GEOPHYSICAL UNION*, Talk P41C-1631, 2011.

Glenar, D.A., T. J. Stubbs, R. Vondrak (2009), A Reanalysis of Apollo Light Scattering Observations, and Implications for the Distribution of Lunar Exospheric Dust, *Eos Trans. AMERICAN GEOPHYSICAL UNION*, 90(52), Fall Meet. Suppl., Abstract P23C-1264.

Glenar, D.A., T.J. Stubbs, R. Vondrak, J. McCoy (2010), A Reanalysis of Apollo Light Scattering Observations: Implications for the Distribution of Lunar Exospheric Dust, *Lunar Dust, Plasma and Atmosphere: The next Steps*, 2010, Jan, Boulder.

Glenar, D.A., T.J. Stubbs, J. Hahn, and R. R. Vondrak (2010), Did Clementine Observe Lunar Horizon Glow?, P51C-1457, presented at the 2010 Fall AMERICAN GEOPHYSICAL UNION meeting, American Geophysical Union, San Francisco, CA, December 13–17.

Glenar, D.A., T.J. Stubbs, A. Colaprete, D. T. Richard, and G. T. Delory (2009), Optical scattering processes observed at the Moon: Predictions for the LADEE Ultraviolet/Visible Spectrometer, presented at the 2nd Annual Lunar Science Forum, NASA Lunar Science Institute, NASA Ames Research Center, Moffett Field, CA, July 21–23.

Glenar, D.A., T.J. Stubbs, and R. R. Vondrak (2009), A reanalysis of Apollo light scattering observations: Implications for the spatial distribution of lunar exospheric dust, presented at the 2nd Annual Lunar Science Forum, Lunar Science Institute, NASA Ames Research Center, Moffett Field, CA, July 21–23.

Glenar, D.A. (+DREAM/NLSI collaborators), Optical Measurements of the Lunar Dust Exosphere, *DREAM Lunar Extreme Workshop*, June 20-23.2011

Glenar, D.A., T. Stubbs, D. Richard, A. Stern, K. Retherford, R. Gladstone, P. Feldman, T. Colaprete, G. Delory, Optical Scattering by Exospheric Dust: What Could be Learned from LRO LAMP and LADEE UVS?, *2011 Lunar Science Forum*, July 19-21. 2011

Glenar, D.A., T. Stubbs, D. Richard, A. Stern, K. Retherford, R. Gladstone, P. Feldman, T. Colaprete, G. Delory, Optical Scattering by Exospheric Dust: What Could be Learned from LRO LAMP and LADEE UVIS?, *AGU Fall Meeting 2011*, poster P13D-1713, 2011

Glenar, D.A. and T. Stubbs, Some Constraints on Exospheric Dust from the July 20 LAMP Limb Measurements, *LRO-LAMP Science Team Workshop*, Sept. 23 2011

Glenar, D.A., T Stubbs & LAMP-team colleagues, Search for Lunar Horizon Glow, *LRO Planetary Science Working Group*, Feb. 15, Tucson 2012

Glenar, D. A., T. J. Stubbs, J. Hahn, R. Vondrak (2010). Did Clementine Observe Lunar Horizon Glow? Proc. 41st LPSC, paper # 2735.

Halekas, J. S, G. Delory, S. Bale, D. Krauss-Varban, R. Lin, W. Farrell, The dynamic lunar wake, *Lunar Science Forum*, 2009.

Halekas, J. S., G.T. Delory, W.M. Farrell, V. Angelopoulos, J.P. McFadden, J.W. Bonnell, M.O. Fillingim, F. Plaschke, First Remote Measurements of Lunar Surface Charging from ARTEMIS: Evidence for Non-Monotonic Sheath Potentials Above the Dayside Surface, *NASA Lunar Science Forum*, Moffett Field CA, 2012

Halekas, J. S., V. Angelopoulos, D.G. Sibeck, K. Khurana, C.T. Russell, Delory, G. T. J.P. McFadden, J.W. Bonnell, D. Larson, First results from ARTEMIS, a new two-spacecraft lunar mission, *Lunar Science Forum*, 2010.

Halekas, J. S, G.T. Delory, A. Poppe, M. Horányi, Probing the dayside lunar surface-plasma interface in the solar wind, *Lunar Science Forum*, 2010.

Halekas, J. S., The lunar space plasma environment, INVITED, *Lunar Media Workshop*, 2010.

Halekas, J.S., The Moon as a plasma laboratory, INVITED, *Lunar Media Workshop*, 2010.

Halekas, J.S., ARTEMIS Senior Review, INVITED, 2010. V. Angelopoulos, J.S. Halekas, D.G. Sibeck, J. McFadden, F. Plaschke, J. Bonnell, G.T. Delory, R. Lillis, K. Khurana, C.T. Russell, The ARTEMIS mission and first results, P22A-01, *Western Pacific Geophysics Meeting*, 2010.

Halekas, J.S., G.T. Delory, R.P. Lin, W.M. Farrell, Anomalous electron entry into the lunar wake, P23A-045, *Western Pacific Geophysics Meeting*, 2010.

Halekas, J.S., The space interaction environment of the Moon, P31B-01, INVITED, *Western Pacific Geophysics Meeting*, 2010.

Halekas, J.S., G.T. Delory, R.P. Lin, W.M. Farrell, T.J. Stubbs, M.R. Collier, Lunar surface charging: Current understanding and next steps, *Lunar Dust, Plasma & Atmosphere: The Next Steps*, 2010.

Halekas, J.S., G.T. Delory, W.M. Farrell, V. Angelopoulos, A.R. Poppe, J.P. McFadden, Lunar precursor effects observed by ARTEMIS in the solar wind and magnetosphere, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1625, 2011.

Halekas, J.S., V. Angelopoulos, D.G. Sibeck, K. Khurana, C.T. Russell, G.T. Delory, J.P. McFadden, J.W. Bonnell, D. Larson, Lunar plasma and exospheric science from ARTEMIS, INVITED, *Lunar Dust, Plasma & Atmosphere: The Next Steps*, 2010.

Halekas, J.S. Interaction regions near the Moon and other non-magnetized small bodies, 5th Alfvén Conference, 2010.

Halekas, J.S., A. Poppe, G.T. Delory, W.M. Farrell, M. Horányi, Solar wind electron interaction with the dayside lunar surface and crustal magnetic fields: Evidence for precursor effects, *Earth Planets Space*, in press, 2011.

Halekas, J. S., G. T. Delory, T. J. Stubbs, W. M. Farrell, and R. P. Lin (2009), Developing a predictive capability for lunar surface charging during solar energetic particle events, #1357, presented at the Lunar and Planetary Science Conference XL, Lunar and Planetary Institute, Houston, TX, March 23–27.

Hartle, R.E., M. Sarantos, R.M. Killen, E.C. Sittler, J.S. Halekas, S. Yokota, Y. Saito, W. Farrell, Lunar neutral exosphere properties from pickup ion analysis, Fall AMERICAN GEOPHYSICAL UNION, Talk P23C-1266, 2009.

Holmstrom, M., J.S. Halekas, The dynamic lunar wake, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1624, 2011.

Hurley, D.M., "Lunar Volatile Transport and Segregation" University of California Berkeley Space Science Laboratory seminar, July 2009

Hurley, D.M., "Current Understanding of Lunar Volatile Transport and Segregation," Lunar Reconnaissance Orbiter Targeting Meeting, Arizona State University, June 2009.

Hurley, D.M., The Lunar Surface-Atmosphere Interaction and Its Effect on Atmospheric Distribution, LSI conference, NASA Ames Research Center, July 2009

Hurley, D.M., "Modeling the Production, Delivery, and Maintenance of OH/H<sub>2</sub>O on the Lunar Surface", Lunar Science Forum, Mountain View, CA, July 2010

Hurley, D. M., Modeling the Production, Delivery, and Maintenance of OH/H<sub>2</sub>O on the Lunar Surface, DREAM Team meeting, Greenbelt, MD, June 2011.

Hurley, D.M., W. M. Farrell, and K. A. Tennyson, Lunar Polar Fountain Source of Surface OH/H<sub>2</sub>O?, DREAM Team meeting, Greenbelt, MD, June 2011.

Hurley, D.M., R. Gladstone, K. Retherford, S. Stern, J. Parker, D. Kaufmann, A. Egan, M. Davis, M. Versteeg, D. Slater, P. Miles, A. Steffl, T. Greathouse, P. Feldman, W. Pryor, A. Hendriz, R. Killen, and A. Potter, Modeling the Vapor Plume Expansion Resulting form the LCROSS Impact on the Moon, 41st LPSC, Abstract # 2308, Houston, Texas, 2010.

Hurley, D.M., R.M. Killen, and K.A. Tennyson, Monte Carlo Model Insights into the Lunar Sodium Exosphere, Lunar Planet. Sci. Conf. 2012.

Hurley, D. "Surficial OH/H<sub>2</sub>O on the Moon: Modeling Delivery, Redistribution, and Loss," Lunar And Planetary Science Conference, #1844, The Woodlands, TX, March 2010.

Jackson, T.L., W.M. Farrell, G.T. Delory, T.J. Stubbs, M.R. Collier, J.S. Halekas, R.R. Vondrak, Astronaut and object charging on the lunar surface, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Jackson T. L., W.M. Farrell, G.T. Delory, T.J. Stubbs, M.R. Collier, J.S. Halekas, R.R. Vondrak, Astronaut and object charging on the lunar surface, 41st Lunar and Planetary Science Conference, id: 2368, 2010.

Jackson, T. L., W. M. Farrell1 T. J. Stubbs, CHARGING AND SUBSEQUENT DISSIPATION OF A ROVER WHEEL IN THE LUNAR POLAR REGIONS, 42nd Lunar Planetary Sci Conf, Woodlands Tx, 2011.

Jackson T. L., W. M. Farrell, J. E. Bleacher, xPED: THE EXPLORATION PORTABLE ELECTROSTATIC DETECTOR, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.

Jordan, A. P. , T.J. Stubbs, C. Zeitlin, H.E. Spence, N.A. Schwadron, M.I. Zimmerman, W.M. Farrell, ON THE INTERACTION BETWEEN HIGHLY ENERGETIC CHARGED PARTICLES AND THE LUNAR REGOLITH, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.

Keller, J.W., R.M. Killen, T.J. Stubbs, W.M. Farrell, and J.S. Halekas, Lunar ion transport near magnetic anomalies: Possible implications for swirl formation, 42nd Lunar and Planetary Science Conference, #1817, 2011.

Killen, R M, W. M. Farrell, M. Sarantos, G.T. Delory, and the DREAM Team, Sputtering by the Solar Wind: Effects of Variable Composition, NASA Lunar Science Forum, Moffett Field CA, 2012

Killen, R M, Hurley, D M, Farrell, W M, Sarantos, M, DREAM Team of the NASA Lunar Science Institute, Effect on the lunar exosphere of a CME passage, American Geophysical Union Meeting, San Francisco, 2011

Killen, R.M., A.E. Potter, D.M. Hurley, C. Plymate, S. Naidu, Observations of the LCROSS Impact event from the McMath-Pierce Solar Telescope: Sodium and Dust, 41st LPSC, abstract 2333, Houston, Texas, 2010.

Killen, R. M., M. Sarantos; J. S. Halekas; R. E. Hartle; D. M. Hurley (2010), The Neutral Lunar Exosphere as a Source for Pickup Ions. AMERICAN GEOPHYSICAL UNION Fall Meeting 2010, P42A-04.

Krzykowski, M. (2010), Identifying and characterizing VxB events from the Suprathermal Ion Detector Experiment (SIDE) of the Apollo 14 Mission, Undergraduate Women in Physics, Lincoln, NE.

Kuntz, K D, Collier, M R, Stubbs, T J, Farrell, W M The Lunar Dust Pendulum, American Geophysical Union Meeting, San Francisco, 2011

Lin, R. P. and J. Halekas, Solar wind and terrestrial magnetospheric plasma interactions with the Moon, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Mahaffy, P., R. Hodges (2010), The lunar atmosphere: Next steps, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Marshall, J. R., D. Richard, S. Davis, A. Colaprete, Dust lofting mechanisms on the Moon, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Morgan, T.H., C. Plymate, A.E. Potter and R.M. Killen. A Concept for Small, Remotely Operated, Coronagraph located at Small Observatory to obtain Frequent Low-cost Remote Observations of the Lunar Exosphere and the Mercurian Tail. NASA Lunar Science Forum. AMES Research Center, July 2011.

Neish, C. D. et al., VIRTUAL SWIRLS: HIGHLIGHTS FROM NLSI'S FIRST WORKSHOP WITHOUT WALLS. C.D. Neish1, Annual Meeting of the Lunar Exploration Analysis Group, Houston, Tx, 2011

R. Pavelka, P. Hellinger, H.-U. Auster, S. Bale, G.T. Delory, P. Devoto, W.M. Farrell, K-H. Glassmeier, L. Guicking, J.S. Halekas, D. Hercik, M. Horanyi, D. Kataria, Z. Kozacek, C. Mazelle, C.J. Owen, F. Plaschke, H.O. Rucker, Z. Sternovsky, S. Stverak, P.M. Travnicek, P. Vana, Lunar dust environment and plasma package for lunar lander definition study, Fall AMERICAN GEOPHYSICAL UNION, Talk P13D-1720, 2011.

Plymate C., T. H. Morgan, R. M. Killen, and A. E. Potter, A Concept for Small, Remotely Operated, Coronagraph located at Small Observatory Designed for Frequent, Low-cost Remote Observations of the Lunar Exosphere, DPS Abstract, 2010.

Poppe, A.R., J.S. Halekas, M. Horanyi, Non-monotonic potentials above the lunar surface: Implications for electron reflectometry measurements, Fall AMERICAN GEOPHYSICAL UNION, Talk P54B-08, 2010.

Poppe, A.R., J.S. Halekas, M. Horanyi, Simulations of the near-surface lunar plasma environment: Implications for electron reflectometry measurements of the lunar surface potential, 5th Alfvén Conference, 2010.

Poppe, A.R., J.S. Halekas, G.T. Delory, V. Angelopoulos, W.M. Farrell, Comparison of an ARTEMIS lunar wake fly-by with a 1-dimensional particle-in-cell simulation, Fall AMERICAN GEOPHYSICAL UNION, Talk P41C-1626, 2011.

Poppe, A.R., J.S. Halekas, G. T. Delory, W. M. Farrell, V. Angelopoulos, Comparisons of ARTEMIS Observations and One-dimensional Particle-in-Cell Simulations, AMERICAN GEOPHYSICAL UNION Fall Meeting 2011

Poppe, A.R., J.S. Halekas, G. T. Delory, V. Angelopoulos, and M. Hor'anyi, One-dimensional particle-in-cell (PIC) simulations of an ARTEMIS lunar wake crossing at 3.5 RL, NASA Lunar Science Forum (7/11)

Poppe, A.R., J.S. Halekas, G. T. Delory, and W. M. Farrell, Particle-in-Cell Simulations of Plasma Interaction with Lunar Crustal Magnetic Anomalies, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.

Richard D. T., Glenar D. A., Davis S.S., Stubbs T. J., Colaprete A., "Modeling of light scattering by non-spherical lunar dust grains", Lunar Science Forum 2010, July 20-22, 2010, at the NASA Ames Conference Center, Moffett Field, California.

Richard, D. T, et al., A Fractal Model for the Capacitance of Lunar Dust and Lunar Dust Aggregates, American Geophysical Union Meeting, San Francisco, 2011.

Richard D. T., Glenar D. A., Davis S. S., Stubbs T. J., Colaprete A., "Modeling of light scattering by non-spherical lunar dust grains", Lunar Dust, Plasma and Atmosphere: The Next Steps, Boulder, Colorado, January 27-29 2010.

Richard, D. T., Glenar, D. A., Stubbs, T. J., Davis, S. S., Colaprete, A., "But still, like dust, I'll rise' Modeling the Scattering Signature of Lunar Dust for the Lunar Atmosphere and Dust Environment Explorer", NASA Lunar Science Institute Forum, NASA Ames Research Center, July 2009.

Richard D. T., Glenar D. A., Stubbs T. J., Davis S. S., Colaprete A., "Light Scattering in the Lunar Orbital Environment by Non-Spherical Dust Grains", 41th Lunar and Planetary Science Conference, The Woodlands, Texas. LPI Contribution No.2704, March 1-5, 2010.

Rivkin, A., J. M. Sunshine, D. T. Blewett, D. M. Hurley, and C. A. Hibbitts. "Lunar Water, Asteroidal Observations: Implications and Opportunity" Lunar And Planetary Science Conference, #1088, The Woodlands, TX, March 2010.

Samad, R. L., A. R. Poppe, J. S. Halekas, G. T. Delory, V. Angelopoulos, and W. M. Farrell, Direct observations of lunar pickup ions in the magnetosphere tail-lobe by ARTEMIS, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.

Sarantos, M., R. M. Killen, D. Glenar, T. J. Stubbs (2010). Prospects for the Detectability of Lunar Exospheric Refractories by LADEE Ultraviolet-Visible Measurements, 2010 LEAG Annual Meeting, Wash. DC.

Sarantos, M., Killen, R.M., Glenar, D., Benna, M., Stubbs, T., What will LADEE tell us about the lunar atmosphere? NASA Lunar Science Forum. AMES Research Center, July 2011.

Sarantos, M.; Killen, R. M.; Benna, M.; Hartle, R.; , The lunar exosphere: expectations for LADEE measurements. Geophysical Research Abstracts, Vol. 11, EGU2009-11812, 2009, EGU General Assembly 2009.

Sarantos, M., R Killen, R Hartle, M Benna, A. Surjalal Sharma, The Lunar Exosphere: observations, models, and expectations for LADEE measurements, NASA 2009 Lunar Science Forum.

Sarantos, M., R. M. Killen, D. A. Glenar, M. Benna, and T. J. Stubbs (2010), Metallic species, oxygen and silicon in the lunar exosphere: some prospects for LADEE measurements, presented at the 3rd NASA Lunar Science Forum, NASA Lunar Science Institute, NASA Ames Research Center, Moffett Field, CA, July 20–22.

Sarantos, M., Killen, R., Benna, M., Glenar, D., Stubbs, T., Detectability of lunar exospheric constituents: simulations for LADEE, Geophysical Research AbstractsVol. 12, EGU2010-14572, 2010,EGU General Assembly 2010.

Sarantos, M., R. M. Killen, D. A. Glenar, M. Benna, and T. J. Stubbs (2010), Metallic species, oxygen and silicon in the lunar exosphere: constraints from Mercury and prospects for LADEE measurements, P51C-1456, presented at the 2010 Fall AMERICAN GEOPHYSICAL UNION meeting, American Geophysical Union, San Francisco, CA, December 13–17.

Stubbs, T. J, D.A. Glenar, M.R. Collier, W.M. Farrell, J.S. Halekas, G.T. Delory, R.R. Vondrak, On the role of dust in the lunar exo-ionosphere, Fall AMERICAN GEOPHYSICAL UNION, Talk P23C-1265, 2009.

Stubbs, T. J. (2009), Planetary Science Update: NLSI and Future Lunar Missions, Lunar Airborne Dust Toxicity Assessment Group, Houston TX.

Stubbs, T.J., D.A. Glenar, M.R. Collier, W. Farrell, J.S. Halekas, G.T. Delory, R.R. Vondrak, On the possible role of dust in the lunar ionosphere, Lunar Science Forum, 2009.

Stubbs, T.J., D.A. Glenar, M.R. Collier, W. Farrell, J.S. Halekas, G.T. Delory, R.R. Vondrak (2009), A Reanalysis of Apollo Light Scattering Observations, and Implications for the Distribution of Lunar Exospheric Dust, Eos Trans. Amer. Geophysical Union, 90(52), Fall Meet. Suppl., Abstract P23C-1265.

Stubbs, T. J., Y. Wang, E. Mazarico, G. A. Neumann, D. E. Smith, M. T. Zuber, and M. H. Torrence (2010), Characterizing the optical and plasma shadowing at the Moon using a LOLA digital elevation model, presented at the First Workshop on Lunar Dust, Plasma and Atmosphere: The Next Steps, Laboratory for Atmospheric and Space Physics, University of Colorado, Boulder, CO, January 27–29.

Stubbs, T. J. D. Glenar, M. Collier, W. Farrell, J. Halekas, G. Delory, R. Vondrak, On the role of dust in the lunar ionosphere, Lunar Dust, Plasma & Atmosphere: The Next Steps, 2010.

Stubbs T. J, W.M. Farrell, J.S. Halekas, G.T. Delory, M. Collier, R. Vondrak, Lunar surface charging in the magnetotail, P23A-047, Western Pacific Geophysics Meeting, 2010.

Stubbs T. J., W. M. Farrell, M. R. Collier, D. Glenar, D. T. Richard, T. L. Jackson, R. M. Killen, M. Sarantos, G. T. Delory, J. S. Halekas and R. R. Vondrak (2010). Acquiring "Ground Truth" About the Dynamic Lunar Environment: Implications for Science and Exploration,2010 LEAG Annual Meeting, Wash. DC.

Stubbs, T. J. (2010), Exploring Vesta, Lunar Exploration Science Working Group, NASA Goddard Space Flight Center, Greenbelt, MD, February 18.

Stubbs, T. J. W. M. Farrell, M. R. Collier, and R. R. Vondrak (2010), Does the Surface of the Moon Really Charge to Extreme Positive Potentials in the Magnetotail Lobes? A Re-analysis of Apollo/CPLLE

observations, P51C-1458, presented at the 2010 Fall AMERICAN GEOPHYSICAL UNION meeting, American Geophysical Union, San Francisco, CA, December 13–17.

Stubbs, T. J., W. M. Farrell, J. S. Halekas, G. T. Delory, M. R. Collier, and R. R. Vondrak (2010), Lunar surface charging in the Earth's distant magnetotail, presented at the 3rd NASA Lunar Science Forum, NASA Lunar Science Institute, NASA Ames Research Center, Moffett Field, CA, July 20–22.

Stubbs, T.J., Y. Wang, W.M. Farrell, J.S. Halekas, R.R. Vondrak, E. Mazarico, G.A. Neumann, D.E. Smith, M.T. Zuber, M.H. Torrence, Characterizing the plasma shadowing and surface charging at the Moon using LOLA topographic data: Predictions for the LCROSS impact, 41st Lunar and Planetary Science Conference, id: 2658, 2010.

Stubbs, T. J., Y. Wang, E. Mazarico, G. A. Neumann, D. E. Smith, M. T. Zuber, and M. H. Torrence (2010), Characterizing the optical shadowing at the Moon using LOLA topographic data: Predictions for the LCROSS impact, #2410, presented at the 41st Lunar and Planetary Science Conference, Lunar and Planetary Institute, The Woodlands, TX, March 1–5.

Stubbs, T. J., D. A. Glenar, D. T. Richard, and A. Colaprete (2009), Predictions for the optical scattering at the Moon, as observed by the LADEE UV/VIS spectrometer, #2348, presented at the Lunar and Planetary Science Conference XL, Lunar and Planetary Institute, Houston, TX, March 23–27.

Tao, J., R.E. Ergun, L. Andersson, V. Angelopoulos, J.W. Bonnell, D.L. Newman, J.P. McFadden, J.S. Halekas, C.M. Cully, K. Glassmeier, A. Roux, O. Lecontel, D.E. Larson, W. Baumjohann, M.V. Goldman, H. Auster, Results from the first lunar-wake flyby of ARTEMIS on wake potential, electron beams, and electrostatic waves, Fall AMERICAN GEOPHYSICAL UNION, Talk SH51D-1700, 2010.

Zimmerman, M.I., W.M. Farrell, T.J. Stubbs, J.S. Halekas, Direct solar wind proton access into permanently shadowed lunar polar craters, Fall Amer. Geophysical Union, Talk P13D-1724, 2011.

Zimmerman, M.I., W.M. Farrell, T.J. Stubbs, J.S. Halekas, The plasma wake downstream of lunar topographic obstacles: Preliminary results from 2d particle simulations, 42nd Lunar and Planetary Science Conference, p. 1836, 2011.

Zimmerman, M.I., W. M. Farrell, and T. J. Stubbs, CHARACTERIZING ELECTRON OSCILLATIONS IN A COLLISIONLESS, EXPANDING IMPACT PLASMA, 43<sup>rd</sup> Lunar Planetary Sci Conf, Woodlands Tx, 2012.