

Invited Talks:

- Cohen, C.M.S., Solar Energetic Particles and Space Weather: Causes and Consequences, *California State University Northridge Seminar*, 2023.
- Cohen, C.M.S., Close Encounters of the Solar Kind, *International Cosmic Ray Conference (Highlight talk)*, 2023.
- Cohen, C.M.S., Heliophysics Decadal - Space Weather Panel, *Space Weather Workshop*, 2023.
- Cohen, C.M.S., How PSP Observations Are Changing Our Understanding of Solar Energetic Particles, *Parker Two*, 2022.
- Cohen, C.M.S., Why do we care about solar energetic particles?, *SHINE (Plenary)*, 2022.
- Cohen, C.M.S., Living With A Star Architecture Committee, *American Meteorological Society: 19th Conference on Space Weather*, 2022.
- Cohen, C.M.S., Solar Energetic Particles (& Suprathermals), *Heliophysics 2050 Workshop*, 2021.
- Cohen, C.M.S., Solar energetic particle events observed by PSP/Integrated Science Investigation of the Sun (ISOIS), *FASR2021 Solar Physics with a Next Generation Solar Radio Facility*, 2021.
- Cohen, C.M.S., Solar Energetic Particles Observed by the Integrated Science Investigation AM of the Sun (ISOIS) During the Initial Orbits of Parker Solar Probe Overview, *Parker One*, 2021.
- Cohen, C.M.S., PSP's Measurements of the 29 November 2020 SEP Event, *Jet Propulsion Laboratory Seminar*, 2014.
- Cohen, C.M.S., Satellite Impacts of Solar Energetic Particles and Galactic Cosmic Rays, *Advanced Maui Optical and Space Surveillance Technologies Conference*, 2020.
- Cohen, C.M.S., SolFER (Solar Flare Energy Release): A NASA Drive Center, *Jet Propulsion Laboratory Seminar*, 2020.
- Cohen, C.M.S., Next Steps in Determining Space Weather Benchmarks for Ionizing Radiation Hazards, *Space Weather Workshop*, 2019.
- Cohen, C.M.S., Solar Energetic Particles: Origin, Acceleration, and Transport, XVIth Hvar Astrophysical Colloquium "ISEST 2018 Workshop", 2018.
- Cohen, C.M.S., GLE and GLE-Wannabe Events in Solar Cycle 24, *Solar Energetic Particles (SEP), Solar Modulation and Space Radiation: New Opportunities in the AMS-02 Era #3*, 2018.
- Cohen, C.M.S., Challenges for the Study of Solar Energetic Particles, *Solar Wind 15*, 2018.
- Cohen, C.M.S., Using Multi-Spacecraft Studies of Solar Energetic Particle Event to Improve Space Weather Forecasting, *Los Alamos National Laboratory Seminar*, 2017.
- Cohen, C.M.S., Recent Progress on Understanding SEP Acceleration and Transport, *American Geophysical Union Fall Meeting*, 2017.
- Cohen, C.M.S., Current Multi-Spacecraft Studies of Solar Energetic Particle Acceleration and Transport, *UCLA Seminar*, 2017.
- Cohen, C.M.S., G.M. Mason, R.A. Mewaldt, What Governs the Longitudinal Spread of Solar Energetic Particles?, *Solar Energetic Particles (SEP), Solar*

- Modulation and Space Radiation: New Opportunities in the AMS-02 Era #2*, 2017.
- Cohen, C.M.S., G.M. Mason, R.A. Mewaldt, Energy and Charge-to-Mass Dependence of the Longitudinal Distribution of Solar Energetic Particles, *15th Annual International Astrophysics Conference*, 2016.
- Cohen, C.M.S., G.M. Mason, R.A. Mewaldt, Studying the Longitude Distribution of Solar Energetic Particles, *From IMP to Solar Orbiter: Glenn M. Mason Commemorative Conference*, 2016.
- Cohen, C.M.S., Connecting SEPs to Solar Observations, *SHINE Workshop*, 2015.
- Cohen, C.M.S., Current Understanding of SEP Acceleration and Transport, *Solar Wind 14*, 2015.
- Cohen, C.M.S., Solar Energetic Particles and Solar Events - Lessons Learned from Multi-Spacecraft Observations, *Invited Review talk for the 34th International Cosmic Ray Conference*, 2015.
- Cohen, C.M.S., Overview of Solar Energetic Particle Event Observations and Open Questions, *Solar Energetic Particles (SEP), Solar Modulation and Space Radiation: New Opportunities in the AMS-02 Era #1*, 2015.
- Cohen, C.M.S., Understanding the Variation of Solar Energetic Particle Composition with Longitude, *Lorentz Center Workshop on Shock Acceleration: From the Solar System to Cosmology*, 2015.
- Cohen, C.M.S., Recent Results on the Longitudinal Distribution of Solar Energetic Particles in the Heliosphere, *2014 LWS/Hinode/IRIS Workshop*, 2014.
- Cohen, C.M.S., Understanding the Composition of Solar Energetic Particle Events, *UCLA Seminar*, 2014.
- Cohen, C.M.S., What Can We Learn from the Longitudinal Dependence of Solar Energetic Particle Composition?, *Jet Propulsion Laboratory Seminar*, 2014.
- Cohen, C.M.S., The Distribution of Solar Energetic Particles in the Heliosphere, *Plenary talk SHINE Workshop*, 2014.
- Cohen, C.M.S., R.A. Mewaldt, G.M. Mason, The Charge-to-Mass Dependence of SEP Fluences Over Wide Longitudes, *12th Annual International Astrophysics Conference*, 2013.
- Cohen, C. M. S., SEP Observations and Implications for Particle Transport, *ISSI Team Meeting on First Principles Physics for Charged Particle Transport in Strong Space and Astrophysical Magnetic Turbulence*, 2013.
- Cohen, C.M.S., R.A. Mewaldt, G.M. Mason, A. Vourlidas, Space Weather Effects of Cycle 24 SEP Events, *Fall AGU Meeting*, 2012.
- Cohen, C.M.S., G.M. Mason, R.A. Mewaldt, T.T. von Rosenvinge, Investigating the Longitude Dependence of Solar Energetic Particle Spectra, *11th Annual International Astrophysics Conference*, 2012.
- Cohen, C.M.S., Energetic Particles from CME Shocks, *Joint Space-Science Institute Workshop on Nature's Particle Accelerators*, 2012.
- Cohen, C.M.S., Energetic Particle Acceleration on the Sun and in the Heliosphere, *5th Solar Orbiter Workshop*, 2012.

- Cohen, C.M.S., G.M. Mason, M.E. Wiedenbeck, D.K. Haggerty, R. Gomez-Herrero, R.A. Mewaldt, Solar Energetic Particle Events at the Start of Solar Cycle 24, *Fall AGU Meeting*, 2011.
- Cohen, C.M.S., M.E. Wiedenbeck, G.M. Mason, Solar Energetic Particle Events During the Rise After a Long Minimum, *LAGA*, 2011.
- Cohen, C.M.S., G.M. Mason, M.E. Wiedenbeck, D.K. Haggerty, R. Gomez-Herrero, E.E. Chollet, R.A. Leske, R.A. Mewaldt, E.C. Stone, T.T. von Roseninge, Observations of the Longitudinal Spread of Solar Energetic Particle Events in Solar Cycle 24, *10th Annual International Astrophysics Conference*, 2011.
- Cohen, C.M.S., The Acceleration of Solar Energetic Particles, *Meeting of the Americas*, 2010
- Cohen, C.M.S., Solar Energetic Particle Events: An Overview, *Air Force Research Laboratory Seminar*, 2009.
- Cohen, C.M.S., Introduction to SEPs, *Guest Lecturer*, University of New Mexico, 2009.
- Cohen, C.M.S., G.M. Mason, R.A. Mewaldt, A.C. Cummings, A.W. Labrador, R.A. Leske, E.C. Stone, M.E. Wiedenbeck, T.T. von Roseninge, Examination of the Last Large Solar Energetic Particle Events of Solar Cycle 23, *7th Annual International Astrophysics Conference*, 2008.
- Cohen, C.M.S., The Last SEP Events of Solar Cycle 23, *University of Riverside Seminar*, 2007.
- Cohen, C.M.S., R. A. Mewaldt, G. M. Mason, D. K. Haggerty, G. Li, Proton and Heavy Ion Spectra in Large SEP Events, *SHINE*, 2007.
- Cohen, C.M.S., R.A. Mewaldt, G.M. Mason, Interpreting Spectral Forms Observed in Large Solar Energetic Particle Events, *SHINE*, 2006.
- Cohen, C.M.S., Solar Energetic Particle Elemental Composition, *Ed Stone Symposium*, Caltech, 2006.
- Cohen, C.M.S., R.A. Mewaldt, R.A. Leske, A.C. Cummings, E.C. Stone, M.E. Wiedenbeck, T.T. von Roseninge, Solar Elemental Composition based on Studies of Solar Energetic Particles, *Symposium on the Composition of Matter*, 2006.
- Cohen, C.M.S., Solar Energetic Events: An Overview, *Solar and Space Physics and the Space Exploration Initiative Workshop*, 2005.
- Cohen, C.M.S., Explaining the Acceleration and Transport of Solar Energetic Particles, *SHINE Student Day*, 2005.
- Cohen, C.M.S., Measurements of Energetic Storm Particles: An Overview, *Chapman Conference on Solar Energetic Plasmas and Particles*, 2004.
- Cohen, C.M.S., How Do We Explain the Enhanced Fe/O at High Energies in Large SEP Events?, *COSPAR*, 2004.
- Cohen, C.M.S., R.A. Mewaldt, G.C. Ho, G.M. Mason, M.A. Popecki, R.M. Skoug, C.W. Smith, E.C. Stone, T.H. Zurbuchen, STEREO and ACE: Coordinated Science, *COSPAR*, 2004.
- Cohen, C.M.S., Solar Energetic Particle Acceleration and Interplanetary Transport, *Rapporteur talk for 28th Internat. Cosmic Ray Conf.*, 2003.

- Cohen, C.M.S., ACE Observations of the Isotopic Composition of Solar Energetic Particles, *Particle Transport and Acceleration in Cosmic Plasmas*, 2002.
- Cohen, C.M.S., SEP Measurements from ACE, *Lüneburg SEP Workshop*, 2001.
- Cohen, C.M.S., E.C. Stone, R.S. Selesnick, Global Characteristics of Energetic Heavy Ions in the Jovian Magnetosphere, *Jupiter Planet, Satellites and Magnetosphere*, 2001.
- Cohen, C.M.S., General Structure of the Jovian Magnetosphere as Seen Through Energetic Particle Observations, *UCLA Seminar*, 2001.
- Cohen, C.M.S., ACE Observations of SEPs, *UC Berkeley Seminar*, 2001.
- Cohen, C.M.S., A.C. Cummings, R.A. Leske, R.A. Mewaldt, E.C. Stone, P.L. Slocum, M.E. Wiedenbeck, E.R. Christian, T.T. von Rosenvinge, The Isotopic Composition of Solar Energetic Particles, *ACE 2000 Symposium*, 2000.
- Cohen, C.M.S., E.C. Stone, N. Murphy, J.F. Cooper, Heavy Ions in the Jovian Magnetosphere, *COSPAR*, 1998.
- Cohen, C.M.S., N. Murphy, E.C. Stone, Effects of Particle Absorption by the Jovian Moons on the Energetic Heavy Ion Population in Jupiter's Magnetosphere, *EOS*, 78, F421, 1997.
- Cohen, C.M.S., T.L. Garrard, E.C. Stone, N. Murphy, Io Encounters Past and Present: A Heavy Ion Comparison, *EOS*, 78, S299, 1997.