

## Eric Melin



Eric has spent the last 10 years leading ground software development and support efforts for the Parker Solar Probe, New Horizons, and MESSENGER space missions. Collectively, these endeavors have yielded significant new scientific knowledge about Pluto and Mercury. He anticipates that soon Parker Solar Probe will deliver significant new insight into the energetic processes associated with the Sun and solar wind.

Eric is a key contributor to the requirements, design, development, and management oversight of the Johns Hopkins Applied

Physics Laboratory (APL) Mission Independent Ground Software used to enable these unique missions. He has actively engaged with spacecraft subsystems, mission operations, integration and test, and the Deep Space Network to ensure the ground software team builds and delivers the desired and necessary ground system to achieve mission success. Eric is also a Section Supervisor and member of the APL Space Sector Ground Applications Group leadership team.

Before coming to APL, Eric spent many years creating software solutions in other industries. He architected a financial portfolio modeling system and implemented high performance trading systems with Capital Markets Consulting. He was a Technical Director at OPNET Technologies responsible for enhancements to a modeling and simulation tool for military data networks. He built software solutions for multiple startup companies with the Adrenaline Group.

Eric has a BA in Electrical Engineering and a MEng in Computer Science from Cornell University.