



25th Ground System Architectures Workshop **Adapting Critical Operations**

Starts March 1, 2021 | Special Online Series of Events

Alexander Chang

Alexander Chang specializes in digital transformative techniques and model-based engineering. His current research is on the digital implementation of morphological analysis, particularly as it relates to acquisitions and research and development endeavors. He has performed research on digital implementations of open architecture evaluations, requirement gap analysis, and data integration and ontology. He holds a B.S. in Mechanical Engineering from University of California, Riverside and a M.S. degree in Astronautical Engineering with a focus in Space System Design from University of Southern California. Katrina Baumgarten focuses on web user interface and user experience design and development. As a self-taught software programmer, their projects involve the development of launch and model data visualizations used for diagnostic and analytical purposes. They have a BS in Aerospace Engineering with a concentration in astronautics from Embry-Riddle Aeronautical University, Daytona Beach. Jonathan Ortiz focuses in web technologies and software programming. His current work emphasizes user interface and user experience development. He has contributed to the development and design of real time web applications and services. He holds a B.S. in Computer Science from the University of California, Santa Cruz, where he concentrated on web and mobile applications.