Dr. Will Walker

Received B.S. in Mechanical Engineering at West Texas A&M University (WTAMU) and Ph.D. In Materials Science and Engineering at the University of Houston (UH). Professional and research related activities are focused spacecraft thermal control and on thermo-electrochemical testing and analysis of lithium-ion (Li-ion) battery assemblies designed for human spaceflight applications. Currently serving as Director of Engineering for KULR Technology Corporation leading a team of high caliber engineers in the development of thermal management solutions and battery safety related product lines. Previously employed by the National Aeronautics and Space Administration (NASA) Johnson Space Center (JSC) for 10+ years with a focus on (i) spacecraft thermal control, (ii) thermal test and analysis techniques, (iii) spacecraft systems management, (iv) designing battery assemblies for human spaceflight applications capable of safely mitigating the effects of thermal runaway and preventing cell-to-cell propagation, and (v) project management. Recently recognized with a NASA Trailblazer award and with the RNASA Stellar Award for his early career contributions to Li-ion battery thermal analysis and calorimetry methods, Walker continues to be engaged in the academic and professional communities focused on battery safety.