Steven Battel is a graduate of the University of Michigan with 40 years of experience as a system engineer, designer and manager for NASA and DoD space projects. He is known within the space community for his science and engineering leadership related to the development of unique electronic systems and scientific space instruments for Earth observing, planetary geochemistry, space physics and astrophysics applications. President of Battel Engineering since 1990, Steve previously held research, engineering and management positions at the University of Michigan, the Lockheed Palo Alto Research Laboratory, the University of California, Berkeley and the University of Arizona.

Steve's areas of specialization include low-noise instrumentation, avionics and power systems for space applications. He is also internationally recognized for his expertise in the design and development of space high voltage systems especially for systems intended for operation in challenging planetary environments. Previous hardware projects include high voltage power, low voltage power and other electronic systems for Gravity Probe-B, the HST-COS instrument, the Mars-Phoenix TEGA-MS sensor, the Mars Science Laboratory SAM Instrument, Rosetta IES, AIM-CIP, LADEE-NMS and MAVEN-NGIMS and MAVEN-IUVS. Current projects include high voltage, power, and precision instrumentation hardware for the ExoMars MOMA electronics system, the Mars 2020 PIXL 30 kV x-ray high voltage system, power electronics for ion propulsion, power electronics for dynamic tethers, a +/- 50 kV dipole radiation shield, and a -100 kV high voltage demonstration prototype for planetary pickup ion measurements.

Steve is a member of the National Academy of Engineering (NAE), a Fellow of the American Institute of Aeronautics and Astronautics and a Senior Member of IEEE. He is a former member of the Space Studies Board (SSB) and a current member of the Aerospace Science and Engineering Board (ASEB) for the National Academies. He has also participated in more than 80 review and advisory boards for NASA missions. Current missions he is involved with include, IXPE (SRB Chair), Lucy, Solar Probe Plus, Europa Clipper, Europa Lander, GOES, TDRS, ICON, RESTORE-L, Mars 2020, Landsat9, NISAR, SWOT, ECOSTRESS and GRACE-FO.

In addition to space hardware and advisory activities, Steve, for the past 10 years, has dedicated approximately twenty percent of his time in a "give-back" role to the engineering profession and in service to the nation. He teaches on multiple engineering and management topics and also works as a mentor for STEM students and young engineers at several universities and companies including the University of Michigan, General Electric, Spire Global, Visuray and Google. As part of this effort he is also a National Advisory Board member for the University of Michigan Department for Climate and Space Sciences and Engineering (CLaSP), serves as a member of the Space Telescope Science Institute Council, is a board member for the NOAA NESDIS-IRT, is a board member for the BoldlyGo Institute and serves as a technical adviser to the B612 Committee.