

Jennifer Marquardt



Jennifer Marquardt is a Principal Engineer at Ball Aerospace & Technologies Corp. working in the Cryogenics & Thermal Engineering group. She received her BS in Mechanical Engineering from the University of Denver in 1995 and MS in Mechanical Engineering from the University of Colorado at Boulder in 1998. From 1998 to 2002, she worked for Technology Applications, Inc, a cryogenics company based in Boulder, as a thermal and cryogenic engineer. From 2002 to present, she has been at Ball Aerospace. She has been the thermal engineering lead on the WISE spacecraft, the GOES-R Geostationary Lighting Mapper study, and the GOES-R Hyperspectral Environmental Suite study. She has been the thermal engineer for the Cryogenics Product Area at Ball since 2002 working on detailed thermal analyses of cryocoolers and cryocooler systems, completing cryocooler/cryoradiator design trades in support of all cryogenics-related proposals, collecting cryocooler performance data and developing Excel-based and SINDA-based thermal modeling tools of those cryocoolers. In 2010, she became the manager for the Cryogenics Product Area tasked with cryogenic new business development. She has been a technical editor for the Advances in Cryogenic Engineering since 2003.