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Joel Kirk leads research and technology development for GE Aviation at GE Research. He is responsible for maturation of technologies and transition from research laboratory environment to the product development team.

Prior to this role, Joel worked 14 years in technology development and product design at GE Aviation. In that time, he led the product design of the high pressure turbine module for the LEAP and Passport engines, developed the technology roadmap and strategy for integration of additive manufacturing into the design process and owned module design on several commercial and military demonstrator engines.

Joel earned his MS and PhD from University of Notre Dame in Aerospace Engineering.