

Brian L. Vlcek

Department Chair and Professor, Department of Engineering at Georgia Southern University
Statesboro, GA, US

Brian L. Vlcek is an expert in Tribology and Life & Failure of Jet Engine Turbine Hubs and Blades.

Biography

Dr. Brian L. Vlcek, Professor, received his PhD in Mechanical Engineering in 1991 from the Rensselaer Polytechnic Institute in Troy, NY. He has conducted research in the area of cryogenic turbopump seals, vapor lubrication of high temperature contacts, fatigue failure of PVC coatings, probabilistic modeling of fatigue failure, aluminum fatigue failure and analysis, alternative energy and tribology of biofuels.

Areas of Expertise

Monte Carlo Simulations of Fatigue Life, Impact of Surface Coatings on Fatigue Failure, Tribology - Fatigue Testing, Probabilistic Modeling and Weibull Analysis, Life & Failure of Jet Engine Turbine Hubs and Blades, Aluminum Fatigue Lifting

Education

Rensselaer Polytechnic Institute
Ph.D.

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