The Origins of the TURBOJET REVOLUTION

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Cyrus Meher-Homji is an Engineering Fellow and Technology Manager at Bechtel Corporation, working for the LNG Technology Center of Excellence as a turbomachinery advisor to ongoing LNG projects. Cyrus works on the design, selection and testing of compressors and gas turbines. His areas of interest are condition monitoring, aerothermal analysis and LNG compressor applications. Cyrus is a Fellow of ASME and is a member of the Turbomachinery Symposium Advisory Committee. He is a registered Professional Engineer in the State of Texas and has several publications relating to turbomachinery engineering.

Fourth-Annual Turbomachinery Distinguished Lecture

Wednesday, Nov. 1 | 4:10 p.m.

202 ENPH | Reception to follow

The presentation will trace the antecedents, evolution, developments, and inventions relating to turbojets and examine challenges, failures, and problems faced by engineers as they strived toward developing high-performance gas turbines. An emphasis is paid to the turbojet revolution that occured before and during the Second World War, which ended the dominance of reciprocating engines for aircraft propulsion and spurred technological advancements, leading to today's advanced gas turbine engines.

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