

# COLLOQUIUM

## Industrialization of Additive Manufacturing: Past, Present, and Exciting Future

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4:00 p.m. - Wilson Hall, One West

Over the past 30 years additive manufacturing has matured from a handful of lab scale prototyping technologies to a full blown suite of production hardened manufacturing methods. This talk will cover some of the early history for metals additive manufacturing and provide context for similarities and differences between additive and traditional subtractive metallurgical manufacturing. A series of case studies from across the GE Store of industrial companies will then be presented. Additionally, views on the current state of the technology as well as where things are headed will be provided.

Dr. Edward D. Herderick is the Additive Technologies Leader for GE Corporate Supply Chain and Operations. Ed is a materials scientist by training, having received his PhD in MSE from The Ohio State University.