Directed Energy Deposition Processes & Applications

Directed energy deposition (DED) processes offer many unique capabilities for component manufacturing and repair applications. Many industries, including aerospace, energy, mining, and construction, have begun realizing the benefits of these processes in recent years, while other industries are still in the nascent stages of adoption.

This symposium will offer insights into various DED technologies and developing effective business cases, with topics including:
- Process development and optimization
- Material selection and mechanical performance
- Applications and industry impact
- Performance in component manufacturing and repair applications
- Qualification, certification, and standards development
- Modeling and Process Simulation

Symposium Organizers
- Jean-Luc Belon, GKN Aerospace, UK
- Paul Gradl, NASA, USA
- Badri Narayanan, Lincoln Electric, USA
- Stewart Williams, Cranfield University, UK