



# ASTM INTERNATIONAL CONFERENCE ON ADDITIVE MANUFACTURING

## Research To Application Through Standardization

October 31 – November 4, 2022 | Orlando, FL  
JW Marriott Orlando Bonnet Creek Resort & Spa

Submit an Abstract at [www.amcoe.org/icam2022](http://www.amcoe.org/icam2022)

## 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 processes and developing business cases that are effective, with topics including:**

- Process development and optimization
- Material selection and mechanical performance, Multi-alloy characterization
- Applications and industry impact
- Performance in component manufacturing, repair applications, and integration with other AM processes
- Qualification, certification, and standards development
- Modeling and process simulation



### Symposium Organizers

- Jean-Luc Belon, GKN Aerospace, UK
- JeanPaul Gradl, NASA, USA
- Badri Narayanan, Lincoln Electric, USA
- Filomeno Martina, WAAM3D, UK



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