40 years of expertise in laser safety and laser technologies, serving your most critical challenges.

The Keys to Your Additive Manufacturing Project – Metal

Ref: AL.6-3

Explore the metal additive manufacturing revolution! Our training course on the essential knowledge of metal additive manufacturing is specially designed for visionary engineers and decision-makers. Discover how this innovative technology can revolutionise your production process, reduce costs and improve quality.

Practical information

DATES (REMOTE)
• 17 November 2026

ORGANISATION
/

DURATION
7 hours

PRICES
450€ excl. VAT

TECHNICAL/TEACHING LEAD:
Franck RIGOLET

DO YOU HAVE A DISABILITY?
Contact our disability officer at referent.handicap@irepa-laser.com

Key information

PREREQUISITES
None

ACCESSIBLE LASER CLASSES
/

CERTIFICATION
• Assessment of learning
• Training certificate issued

TECHNICAL/TEACHING LEAD:
Franck RIGOLET

Training objectives

- Assess the strategic advantages of metal additive manufacturing for your company.
- Understand how to integrate additive manufacturing effectively into your operations.
- Identify opportunities for innovation and optimisation of your products through metal 3D printing.
- Make informed decisions based on in-depth expertise in additive manufacturing, strengthening your industrial leadership.

Target audience

Decision-makers, engineers and technicians wishing to broaden their skills or facing a technological obstacle to which 3D additive manufacturing could be the solution.

Programme

over the 7 hours

Fundamentals of Metal Additive Manufacturing

• 3D printing versus additive manufacturing
• Understanding the basic principles of metal additive manufacturing
• Positioning compared with traditional manufacturing methods

Integrating Metal Additive Manufacturing

• Importance of the digital chain
• Case studies and examples of good practice

Innovation and Optimisation

• Innovative design possibilities offered by additive manufacturing
• Applicable materials and limits
• Process simulation
• Trends and outlook
• Standardisation

Conclusion / Discussion

This one-day programme will provide a comprehensive overview of metal additive manufacturing, its advantages, integration and applications, while enabling engineers and decision-makers to make informed decisions to optimise their operations and strengthen their industrial leadership.