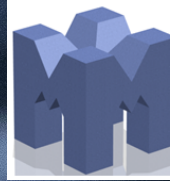




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MANUFACTURING  
METROLOGY TEAM

# Metrology for Additive Manufacturing

3 - 7 September 2018

*University of Nottingham*





The **Metrology for Additive Manufacturing** course will include lectures on introductory and advanced metrology for measurement of additive manufactured parts.

### **Specific topics**

#### **Basic metrology**

- Why measure?
- History
- Traceability
- Error and calibration
- SI units
- Uncertainty analysis
- Lab good practice

#### **Surface metrology**

- Measurement technologies
- Measurement methodology
- AM surfaces

#### **In-situ metrology**

- Measurement during AM processes

#### **Form metrology**

- Contact measurement
- Optical measurement
- X-ray CT measurement

#### **Practical application**

- Surface and form lab sessions
- Applied case study

#### **Cutting-edge research symposium**

- All aspects of AM metrology

### **Course Fee**

£1000 (£800 Student)

### **Registration link**

[www.nottingham.ac.uk/go/metrology-course](http://www.nottingham.ac.uk/go/metrology-course)

### **Contact**

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