



**Design
for AM**
NETWORK



**CENTRE FOR
ADVANCED
MANUFACTURING**

PART OF



**University
of Bolton**



Design for AM Metals – Turning Designs into Reality

Agenda – 13th December

Start time	End time	Activity	Name	Institution/Organisation	Talk topic	Overview/Title
13.30pm	13.40pm	Introduction	Robert Higham	Head of Centre for Advanced Manufacturing at the University of Bolton	Introduction	Intro to CfAM, purpose and goals.
13:40pm	13:55pm	Live session	Duann Scott	Bits to Atoms & Director at 3MF Consortium	Data Prep	3MF Benefits in Metal AM
13.55pm	14.20pm	Live session	Robert Higham	University of Bolton	MatfAM	MatfAM reasoning and needs for more development of the processing of metals 5 minute overview before gathering feedback on who does what with new materials, what application, what commercial plan. How do we do it better together?
14.20pm	15.00pm	Talk	Jimmy Campbell	Plastometrex	Testing of AM	Anisotropic analysis via PIP
15:00pm	15.10pm	Questions				
15.10pm	15.35pm	Talk	Robert Higham	University of Bolton	AM Value & Research Focus	CfAM process analysis/parameter optimisation Overview of oversize steel processing and outputs. Overview of PLX and purpose.
15.35pm	15.40pm	Questions				
15.40pm	15.50pm	Break				
15.50pm	15.50pm	Speakers introduced	Robert Higham	University of Bolton		
15.50pm	16.45pm	Talk	John Barnes	Metal Powder Works	Feedstock	Metal Powder Works Overview of a new Efficient, Consistent and Sustainable Powder Production Method
16.45pm	17.00pm	Closing remarks & questions	Robert Higham	University of Bolton		Informing research and industrial collaboration to advance industry. Open questions, how do we support materials in process? This is MatfAM.

Agenda – 14th December

Start time	End time	Activity	Name	Institution	Talk title	Overview
13.30pm	13.40pm	Introduction & continuation of Feedstock	Robert Higham	University of Bolton		
13.40pm	14.25pm	Talk	Nick Weeks	Carpenter Additive	Feedstock	Materials for Additive - a powder producers view.
14.25pm	14.30pm	Questions				
14.30pm	14.35pm	Intro to speaker	Robert Higham	University of Bolton	Applications	
14.35pm	15.15pm	Talk	Ian Brooks	Additure	WAAM	Overview of applications today and the future trends for wire based products.
15.15pm	15.20pm	Questions				
15.20pm	15.30pm	Break				
15.30pm	16.00pm	Talk	Richard Mincher	FORG3D	WAAM	Overview of opportunities and recent developments/ WAAM material mapping overview.
16.00pm	16.10pm	Questions				
16.10pm	16.50pm	Talk	Jason Gilmore	Airbus D&S		AM & Airbus, industry needs from academia
16.50pm	17.00pm	Closing remarks & questions	Robert Higham	University of Bolton		