Visiting Professors Conference

Prof Honor Powrie (GE Aviation)
Sr Director Data & Analytics
Visiting Professor Data & Analytics, Asset Condition Monitoring and Management at the University of Southampton Academic Champion: Professor Robert JK Wood

28 November 2018
GE Aviation Commercial Engines

Operational Lifecycle – Digital + Data

Shop Visit Forecast  →  Enterprise Workscope  →  Material Prediction  →  Supply Chain Management

Time on Wing  +  Optimisation

Fleet Monitoring  +  Fleet Management  +  Borescope Imaging  +  Digital Twin Models
Engineering and Education at a Time of Transformative Change

What changes are happening in education/industry that are affecting engineering education?

• Digital + Data
• Skills

How are these changes affecting the VP programme?

• Digital + Data ‘know how’ for traditional engineering

How can we use the VP scheme as an agent for change?

• Influence – Enhance - Focus