PARTICULATE MATERIALS FOR ENERGY APPLICATIONS

5 DECEMBER 2012
RIVERSIDE CENTRE / DERBY

Organised by
On behalf of the Particulate Engineering Committee of
Co-sponsored by Materials KTN

PARTICULATE MATERIALS FOR ENERGY APPLICATIONS

5 DECEMBER 2012
RIVERSIDE CENTRE / DERBY

Organised by
On behalf of the Particulate Engineering Committee of
Co-sponsored by Materials KTN
Performance engineering industries face the challenges of ensuring product capability and reliability under a range of conditions involving temperature, pressure, friction, wear, corrosion, stress and impact. “Particulate materials for energy applications” will be a showcase for the ability of the particulate material industry to provide elegant and practical solutions for the needs of a wide range of energy related applications.

This one-day workshop will bring together a range of world leading experts from industry and academia who will take part in a series of presentations followed by question and answer sessions looking at:

- The impact of production process on materials properties
- The specification and characterisation of particulate materials
- Future developments in the sector, NDT - Monitoring strategies
- The experience of End Users from different energy applications

This is an excellent opportunity for engineers, material scientists and designers in the power generation, power storage, transport and offshore industries to increase their awareness of the solutions provided by the particulate materials industry. In particular, users of ceramics, hard materials, metals and composites will find this workshop of benefit.

**Programme**

**SCC [Surface Coating] applications in the power generation equipment**

- Warren Lewis - Hoganas

Corrosion and erosion resistant coatings in large scale power plant

- Claire Verona - EoN

Erosion and corrosion protection of boiler tubes in Power Industry

- Satya N Kondapalli - Welding Alloys Ltd

Quality issues in metal powder production for energy applications

- John Dunkley - Atomising Systems

Permanent Magnet Technology for Satellite and Turbomachinery Applications

- Cem Sapmaz - ATARD

End user perspective

- Paul VanLieshout - SKM Global

What has NDT ever done for us?

- Tony Dunhill - Rolls Royce

In-line Quality Control by NDT for Particulate Matter

- Cem Selcuk - Brunel Innovation Centre

Registration

- **IOM3 Members**: £110 + VAT
- **Non-members**: £165 + VAT

Additional discount available for Materials KTN Members

**Programme**

- SCC [Surface Coating] applications in the power generation equipment
- Warren Lewis - Hoganas

Corrosion and erosion resistant coatings in large scale power plant
- Claire Verona - EoN

Erosion and corrosion protection of boiler tubes in Power Industry
- Satya N Kondapalli - Welding Alloys Ltd

Quality issues in metal powder production for energy applications
- John Dunkley - Atomising Systems

Permanent Magnet Technology for Satellite and Turbomachinery Applications
- Cem Sapmaz - ATARD

End user perspective
- Paul VanLieshout - SKM Global

What has NDT ever done for us?
- Tony Dunhill - Rolls Royce

In-line Quality Control by NDT for Particulate Matter
- Cem Selcuk - Brunel Innovation Centre

Registration

- **IOM3 Members**: £110 + VAT
- **Non-members**: £165 + VAT

Additional discount available for Materials KTN Members

Full Details and Online Registration at www.iom3.org/events/pec2012