PERFORMANCE ENGINEERING
INDUSTRIES FACE THE CHALLENGES
OF ENSURING PRODUCT CAPABILITY
AND RELIABILITY UNDER A RANGE OF
CONDITIONS INVOLVING TEMPERATURE,
PRESURE, 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

SCO [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?
Dr Tim Barden – 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/PEC2013