

REF 2014

UoA 15: General Engineering Sub-panel

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Summary:

- UoA descriptor
 - Working Methods: Sub-panel variations (or not)
 - Multiple Submissions
 - Outputs
 - Factual Information on output significance (100 words)
 - Citations
 - Panel Members & Interests
 - Additional assessors will be appointed
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UoA 15 Descriptor:

The UoA includes multi-disciplinary and interdisciplinary engineering research in such fields as medical engineering, bioengineering, biomechanics, environmental engineering, sustainability engineering, offshore technology, renewable energy/energy conversion, spacecraft engineering, control systems engineering & industrial studies... Includes mineral & mining engineering and pedagogic research.

...single organisational units within institutions that include activities spanning two or more of the other 3 UoAs in the fields of engineering. However, for submissions of this nature, it will cross refer any outputs that they consider to be more expertly assessed by other sub-panels.....

UoA 15: Panel working methods

- o Multiple submissions not *expected*
 - o Outputs: All types welcome
 - Review articles only where they contain ...unpublished research or a new insight
 - Double weighting expected to occur only exceptionally
 - Co-authored papers against two staff exceptionally
 - Citations will not be used to form panel judgements
 - Common material may be disregarded
 - o Factual information about significance (100 words) – use these!
 - How an output has gained recognition, led to further developments or been applied
 - Verifiable & externally referenced where possible
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Panel Members & Interests

- Prof Philip Nelson, Southampton (Acoustics) **Chair**
 - Prof David Butler, Exeter (Water Eng)
 - Prof Christopher, Chatwin, Sussex (Lasers/Biomed)
 - Prof Jan Cilliers, Imperial College (Mineral Processing)
 - Prof Jonathan Cooper, Glasgow (Bioelectronics & Bioengineering)
 - Ms Lianne Deeming ,Tata Steel (Process Development)
 - Prof Alicia El Haj, Keele (Biomedical Engineering)
 - Prof Stephanie Haywood, Hull (Optoelectronic Devices)
 - Prof Jan Maciejowski, Cambridge (Control)
 - Prof Anne Neville, Leeds (Corrosion & surface eng)
 - Prof Andrew Plummer, Bath (Machine systems)
 - Prof Rajkumar Roy, Cranfield (Manufacturing)
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Panel Members & Interests

- Prof Paul Shayler, Nottingham (Internal combustion engines)
 - Prof Sarah Spurgeon, Kent (Control)
 - Prof John Stark, Queen Mary, (Aerospace)
 - Prof Robin Wallace, Edinburgh (Marine Energy)
 - Dr Dave Watson, IBM UK Ltd (Software engineering)
 - Prof Marian Wiercigroch, Aberdeen (Applied Dynamics)
 - Prof Roger Woods, Queen's University Belfast (Signal Processing)
 - Prof David York, Procter & Gamble (Particle Technology – Chem Eng)
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