



ROYAL
ACADEMY OF
ENGINEERING

In conversation with MacRobert Award winners: **Artemis Intelligent Power**

Speakers:

Dr Niall Caldwell, Managing Director
Professor Win Rampen FEng, Chairman
Artemis Intelligent Power

Chair:

Dr Dame Sue Ion DBE FEng
Chair of the MacRobert Award
Judging Panel

12 April 2016
6.00pm - 9.00pm

University of Strathclyde
Technology and Innovation Centre
99 George Street
Glasgow
G1 1RD
Scotland



The MacRobert Award identifies outstanding engineering innovation with proven commercial success and tangible social benefit. As well as gaining from the prestige of the award, the winners receive a gold medal and a £50,000 prize. The Award is now supported by the Worshipful Company of Engineers.

2015 award winners, Edinburgh-based Artemis pioneered a new Digital Displacement® power system, with digitally controlled hydraulics, that has the potential to transform the viability of offshore wind power and low carbon transportation. As well as dramatically improving power capacity, the smart, modular system has been designed to overcome the significant reliability issues associated with existing turbines. Artemis is already delivering world-leading systems and with it, the improving prospects for future exploitation of wind power.

Hear the team behind the innovation talk about their journey from starting as a spinout from the University of Edinburgh over 20 years ago to becoming a world leader in hydraulically powered systems.

“ The Artemis story is truly compelling. The company has achieved a technical advance of global importance. The Digital Displacement system is both an incredible piece of invention, and a brilliant example of detailed engineering design. It represents excellence in multiple facets of engineering, from control system technology to software and elegant mechanical design.”

Dr Dame Sue Ion DBE FREng

For more information, please visit:

www.artemisip.com www.themacroberttrust.org.uk www.engineerscompany.org.uk
www.raeng.org.uk/prizes/macrobert

Programme

- 6.00pm Registration and refreshments
- 6.30pm Welcome and introduction by Dr Dame Sue Ion DBE FREng
- 6.35pm Presentation by Dr Niall Caldwell and Professor Win Rampen FREng
- 6.50pm Question and answer session
- 8.00pm Networking reception
- 9.00pm Close



Booking form

Please note that tickets for the event requires advance reservation.

I wish to reserve 1 2 ticket(s) for the event

Title First name

Surname Honours

RAEng Fellow

Position

Organisation

Address

Postcode

Telephone Email

Special requirements

Guest

Title First name Surname

Honours Position

Organisation

Email

Special requirements

Please return by 1 April 2016 to:

Ivana Mackintosh, Head of Events and Marketing,
Royal Academy of Engineering, Prince Philip House, 3 Carlton House Terrace, London SW1Y 5DG
Tel: 020 7766 0641 Email: events@raeng.org.uk

VAT Registration Number: 503 4089 74 Registered Charity Number: 293074



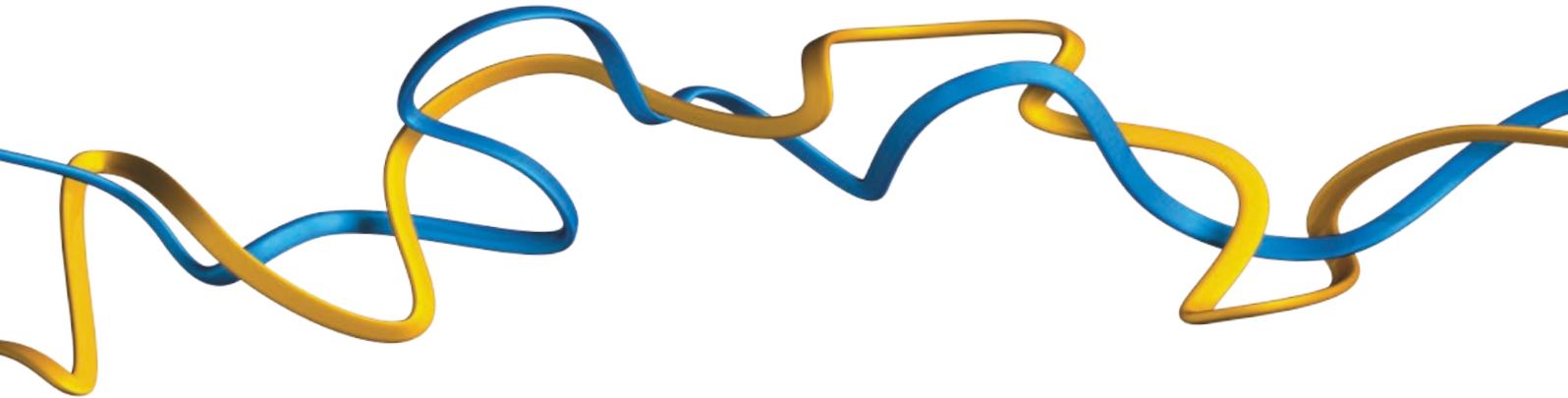
ROYAL ACADEMY OF **ENGINEERING**

As the UK's national academy for engineering, we bring together the most successful and talented engineers for a shared purpose: to advance and promote excellence in engineering.

We provide analysis and policy support to promote the UK's role as a great place to do business. We take a lead on engineering education and we invest in the UK's world-class research base to underpin innovation. We work to improve public awareness and understanding of engineering. We are a national academy with a global outlook.

We have four strategic challenges:

- **Make the UK the leading nation for engineering innovation**
- **Address the engineering skills crisis**
- **Position engineering at the heart of society**
- **Lead the profession**



Royal Academy of Engineering
Prince Philip House
3 Carlton House Terrace
London SW1Y 5DG

Tel: 020 7766 0600
www.raeng.org.uk

Registered charity number: 293074