

You are warmly invited to the:

## **Wingfield Digby Lecture:**

### **From Driverless Cars to Mars: AI, Information Engineering and the Abject Excellence of Robotics**

**Given by Professor Paul Newman FREng FIET FIEEE  
BP Professor of Information Engineering, Oxford University**

Tuesday 13<sup>th</sup> November, 7.00pm for 7.30pm



The machines are coming and it is going to be good. But what makes bland engineered artefacts (aka robots) smart? What competencies allow software (text files typed by humans) to imbue intelligence into our cars, vans, mines, farms, factories, hospitals and planetary explorers? How do machines learn? Could they ever learn too much? Are there risks? Will robots make us safer, poorer wealthier or happier? How do I learn to make thinking machines and how do I learn to make machines learn? Is it hard and can I start tomorrow?

Professor Newman will answer these questions and more! Do come armed with your own questions.