

## *The Rolls Royce Trent Control System*

Wednesday 19<sup>th</sup> September 2018 at 7.00 pm  
at EDF Energy Lecture Theatre, Barnwood, Gloucester



The photo shows one of the range of Rolls Royce Trent engines that power Airbus and Boeing aircraft. The control system for this series of evolving engines has itself evolved over time to embed new technologies, exploit modern manufacturing processes and cater for parts obsolescence while continuing to comply with regulatory and safety requirements.

The talk will describe the key elements of the engine control system with respect to design, development, manufacture and in-service support. The fundamental concepts of aircraft engine control will be introduced, offering an appreciation of the challenges faced in the development of a complex, safety critical, system. The complexities of the aircraft system interface will also be introduced, exploring fault messaging methods and determination of aircraft despatch.

The talk is given by Ian James FRAeS of Rolls Royce Control Systems Ltd.

Booking: <http://nearyou.imeche.org/near-you/UK/Western/Gloucester-Area/event-detail?id=14856>

For further details please contact: Jim Quinn BSc FIMechE on telephone 01453 757898