



Photo: AgustaWestland Helicopters

**Wessex Region**  
Southampton Area

# THE NOVEL DEVELOPMENTS OF THE HELICOPTER ROTOR BLADE

Institution of  
**MECHANICAL  
ENGINEERS**

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The presentation will provide an overview of helicopter rotor blade construction evolution. Reviewing material types and configurations against the demanding operational requirements that a helicopter rotor faces.

The joint progression of design and construction techniques is used to illustrate the growth in helicopter capability from the very first days of helicopter operations at the end of World War 2 up to present day.

Join us for an interesting and revealing technical lecture from Simon Stacey. Simon took the role of Task Leader on the fourth British Experimental Rotor Programme when the programme began in October 1997, and remained in that role until programme completion in August 2007.

**18:30 for 19:00**  
**Thursday 23<sup>rd</sup> November**

Physics, Lecture Theatre B  
Building 46, Room 2003  
University of Southampton  
Highfield Campus  
Southampton, SO17 1TR

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Book tickets at:

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