

Short Bio

John Clarkson is Professor of Engineering Design at the University of Cambridge, Professor of Healthcare Systems at Delft University of Technology, Director of the Cambridge Engineering Design Centre and Co-Director of Cambridge Public Health. His research interests are in the general area of engineering design, particularly the development of design methodologies to support inclusive design and health systems design. He led a team with the Royal Academy of Engineering, the Royal College of Physicians and the Academy of Medical Sciences to develop 'Engineering Better Care', a systems approach to health and care redesign and improvement, and has recently created an accompanying toolkit called 'Improving Improvement'. He chairs the Academy's Systems Approaches in Policy Working Group and provides systems training and support to their Policy Fellows.

Title of presentation:

Engineering Better Care

Abstract:

"Systems that work do not just happen – they have to be planned, designed and built" is a quote from *Creating systems that work*, a report by the Royal Academy of Engineering that was the inspiration for *Engineering Better Care – a systems approach to health and care design and continuous improvement*. Professor Clarkson will present the core principles of *Engineering Better Care* and describe its application to a range of health and care, and policy challenges. He will also introduce the *Improving Improvement Toolkit* which provides a pragmatic introduction to the challenge of designing sustainable healthcare solutions