

# Lecture Programme and Venues for 2017-2018



## Car Design in the 21st Century

**Ian Callum**

Director of Design, Jaguar

Ian will present the 2017-2018 MacMillan Lecture on the future of car design in the 21st century including how Jaguar is embracing electrification and autonomy.

*18.30 for 19.00, Room 325, John Anderson Building, 107 Rottenrow East, Glasgow, G4 0NG*

**Monday 18th September 2017**

MacMillan Lecture

## Technology for the LIGO Gravitational Wave Detectors

**Prof Sheila Rowan**

Director of the Institute for Gravitational Research, University of Glasgow &  
Chief Scientific Advisor to Scottish Government

Sheila will explain the achievements and developments in measurement that led to the identification of gravity waves.

*18.00 for 18.30, The Laphroaig Room, Teacher Building, 14 St Enoch Square, Glasgow G1 4DB*

**Tuesday 3rd October 2017**

Joint Lecture with IET and WES

## Crossrail

**Prof Gordon Masterton**

Chair of Future Infrastructure, Edinburgh University

Gordon will take us through the progress from inception to present day, highlighting some of the engineering and governance challenges along the way.

*17.45 for 18.30, Room 301, McCance Building, Richmond Street, Glasgow, G1 1XQ*

**Tuesday 14th November 2017**

Joint Lecture with IStructE

## The Seahorse Project - enhancing safety through resilience engineering

**Prof Osman Turan and Dr R Emek Kurt**

Dept of Naval Architecture, Ocean and Marine Engineering, Strathclyde University

This talk will look at transferrable lessons from other modes of transport and how they can be incorporated into naval architecture.

*17.45 for 18.30, Room 301, McCance Building, Richmond Street, Glasgow, G1 1XQ*

**Tuesday 12th December 2017**

Joint Meeting with RINA

## Engineering for marine leisure in the West of Scotland

**Mr John Porteous,**

Wallace Stone LLP

John will discuss some of the engineering principles and the challenging issues involved in marine civil engineering projects in the Western Isles.

*17.45 for 18.30, Room 301, McCance Building, Richmond Street, Glasgow, G1 1XQ*

**Tuesday 16th January 2018**

Joint meeting with IMarEST

## Human Factors in 'Bowtie' Risk Management

**Dr Ron Mcleod**

Independent Human Factors Consultant

Bowtie Analysis is a graphical method of assessing the effects of hazards, threats and consequences in complex processes. Using the Bowtie Analysis method for illustration and drawing on case studies, Ron will explore and illustrate the role of human performance in risk management systems.

*17.45 for 18.30, Room 301, McCance Building, Richmond Street, Glasgow, G1 1XQ*

**Tuesday 13th February 2018**

Joint Lecture with IStructE The Marlow Lecture

## The Art of Engineering

**Prof Dugald Cameron**

Director of The Glasgow School of Art - 1991-1999

Dugald will consider a wide variety of iconic engineering structures and give reasons why many engineering artefacts should be valued as art by society.

*17.45 for 18.30, Room 301, McCance Building, Richmond Street, Glasgow, G1 1XQ*

**Tuesday 13th March 2018**

## AGM plus Members' meeting

*17.30 for 18.15, The Trust Hall, Clydeport Building, 16 Robertson Street, Glasgow, G2 8DS*

CPD certificates will be available on the evenings

**Tuesday 17th April 2018**