

## **Jon Holt valorizes MBSE with his lecture "Making Houdini Safe"**

MBSE meets STEM on Pythagoras' Trousers. The worlds of systems engineering and escapology overlap when Dr Jon Holt puts his life on the line recreating and re-engineering Houdini's classic upside down straitjacket escape, but on a burning rope! Jon demonstrates how rigorous engineering techniques can be applied to safety-critical systems (any system where people may be hurt if things go wrong) by performing this classic stunt. Jon has previously won awards for his original and innovative approaches to teaching and disseminating engineering best practice and this stunt shows his latest, and most spectacular, effort to date. Jon, a member of the INCOSE UK Chapter, previously delivered this lecture last year at the international MBSE conference at GMU. You can listen to this lecture now at:

<http://www.rhysphillips.co.uk/pythagoras-trousers/the-pythagoras-lectures-series-1-episode-7/>

Pythagoras' Trousers is a radio show from the South Wales Networks of the Institution of Engineering & Technology and Radio Cardiff. Each week, presenter Rhys Phillips takes a look at stories of interest from the worlds of science, technology, engineering and mathematics, bringing these fields to a wider audience and promoting these subject areas to school pupils.