

James Fisher Nuclear Shortlisted for Prestigious Graphical System Design Achievement Award

Tuesday 3rd December 2013

On Tuesday 19th November, James Fisher Nuclear Ltd (JFN) was recognised as a finalist in this year's 'Graphical System Design Achievement Award'.



From left: Dr Carwyn Jones, Dr David Keeling and Joe Woodford

The finalist recognition came in the Energy section of National Instruments' technical case study competition. The control systems paper on the ModuMan 100 manipulator was written by Dr Carwyn Jones of JFN with Dr David Keeling of Key Engineering Services and can be found here: ["Controlling a Robotic Manipulator for Nuclear Decommissioning"](#). The prestigious national awards had fierce competition with entries from dozens of applications and were presented by Joe Woodford, Sales Manager of National Instruments UK & Ireland. Carwyn commented "I was proud for JFN be recognised for this project case study. The nuclear decommissioning environment is challenging and requires robust control systems to complement robust and reliable mechanical engineering. The National Instruments control system has proved to be ideal for the tough and hazardous conditions, and working with LabVIEW graphical programming minimised our development time. The choice of programming language streamlined the kinematics processing, which facilitated coding the resolved motion necessary for the end-effector control required for the application. The end result is a high quality product with applications worldwide".

Following this success, on Wednesday 20th November, Carwyn presented his paper on ModuMan 100 at the [NIDays](#) technical conference for measurement and control in London. The presentation attracted keen interest from engineers and other attendees at the conference.

PRESS RELEASE



Notes to editors:

James Fisher Nuclear is an established supplier of specialist engineering, manufacturing and technical services for applications within challenging environments or with high integrity requirements.

For more information see www.jfnl.co.uk

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