



## FOUNDATION™ Fieldbus End Users Council Australia



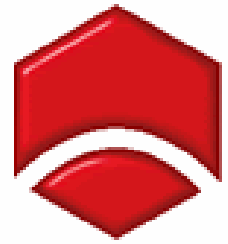
### FOUNDATION Fieldbus Technical Educational Forum

Monday 27<sup>th</sup> August

17:00 to 19:00

17:00 (nibbles) for a **17:30 start**  
(networking & drinks at the conclusion)

Emerald Hotel – Mount St Perth



ENGINEERS  
AUSTRALIA



Technical Presentations  
NOW SHOWING

### 1<sup>st</sup> Foundation Fieldbus Control System at a Nuclear Plant (Duke Energy)

*Presenter: Alexandre da Silva Peixoto (SMAR)  
and HIMA Australia*

Foundation Fieldbus is a proven solution for process control. It has been adopted for its first **Nuclear Power Plant** application in the USA at Duke Energy because of its reliability and advanced diagnostics. Duke Energy Corporation is one of the largest energy suppliers of its kind in the Americas. Foundation Fieldbus technology was selected as the solution for sustained operation for the extended licensing term. Mike Miller, Duke's Electrical Engineering Supervisor in the Oconee Nuclear Station Major Projects states "After 25 to 30 years of limited and somewhat piecemeal attempts with conventional analog and rudimentary digital Instrumentation and Control systems, the Foundation fieldbus system provided a remarkable level of stability to our process control loops and variables". The decision to go Foundation Fieldbus and the subsequent evaluation was conducted over several years. This presentation reviews the basis of the decision, details of architecture, project execution, tests, customer involvement and feedback after plant start up.

**About the Speaker** - Alexandre Peixoto is an electrical engineer working for the international division of SMAR since 2002 helping to provide services and solutions for different application areas such as devices specification, system & devices quotations, and training courses to customers worldwide, project design, implementation, commissioning and start-up. Recently he has been assigned to a new position at SMAR as System302 International Business Development Manager, currently residing in Australia working with HIMA Australia as part of the agreement between HIMA Australia and Smar.

**PARKING:** Street parking on Mount St – both in front of the Hotel (metered) & across the footbridge on the Kings Park side of the freeway.

**Cost:** Compliments of the *Foundation fieldbus End User Council Australia*

Please register your attendance with Jim Russell as below.

Simply reply to this email with the subject line – “Register FF Forum – August / Perth”

Phone: (040) 946-6674 or email :- <mailto:forums@fieldbus.org.au>

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