

# Training Courses

In association with the 2008 Australasian User Conference in Melbourne in May 2008, Yokogawa is running optional training courses on the preceding day, Monday 19<sup>th</sup> May. There are two courses to choose from, which are running in parallel.

- Foundation Fieldbus Implementation From the Field Device to the Control System.
- Implementation of Enterprise Integration Under the ISA-95 Standard

Prices for the courses are set below normal as a special offer for User Conference delegates.

## **Course A - Foundation Fieldbus Implementation**

An integrated Foundation Fieldbus course covering all aspects of the basic technology, device configuration, and field connection design.

- 1 System and Field Devices
  - a. Foundation Fieldbus Overview
    - i. H1 & HSE
    - ii. Communications and Data Transfer
    - iii. Timing Issues
    - iv. EDDL and FDT/DTM
  - b. Fieldbus Configuration tools
  - c. Plant Resource Manager
- 2 Field Installation Planning
  - a. Overview
  - b. General Purpose Applications
  - c. Hazardous Area Applications
  - d. Process Interfaces
  - e. Shielding and Grounding
  - f. Physical Layer Diagnostics

Presenters: Chris Witney, Yokogawa Australia, Senior Engineer and Training Instructor  
Thomas Klatt, Pepperl + Fuchs, Germany, Fieldbus Business Manager

Duration: 8 hours

Price: \$700

## **Course B - Enterprise Integration Under ISA-95 Standard**

ISA-95 is the international standard for the integration of enterprise IT systems and control systems. It consists of models and terminology. These can be used to determine which information has to be exchanged between systems for sales, finance and logistics and

systems for production, maintenance and quality. This information is structured in UML models, which are the basis for the development of standard interfaces between ERP and MES systems. The ISA-95 standard can be used for several purposes, for example as a guide for the definition of user requirements, for the selection of MES suppliers and as a basis for the development of MES systems and databases.

This course will provide a practical overview of the ISA-95 standard and how it may be used in practical applications.

Presenter: Dave Emerson, Yokogawa Corporation of America, Vice-Chairman of ISA-95 Committee.

Duration: 4 hours

Price: \$400

**Venue**

Courses will be held at:

Sebel Albert Park Hotel

65 Queens Road

Melbourne VIC 3004

Lunch and refreshments are included with the course fees.