The Safety Institute of Australia proudly presents

Three workshops in July 2015 in Melbourne, Brisbane and Sydney by Internationally respected Safety Expert

Professor Erik Hollnagel

In each of his 2-day workshops limited to 30 participants, Professor Hollnagel will guide participants through…

‘A Practical Introduction to the Functional Resonance Analysis Method (FRAM)’

About the Workshop
The workshop will introduce the detailed and tested Functional Resonance Analysis Method (FRAM) that can be applied to enhance accident investigations, risk assessment, safety management, and system designs.

The Functional Resonance Analysis Method is used to model the functions that are needed for everyday performance to succeed – instead of simply looking for failures and malfunctions. It can then be used to explain specific events, by showing how functions can be coupled and how the variability of everyday performance sometimes may lead to unexpected and out-of-scale outcomes - either good or bad.

Day 1:
- Safety-I and Safety-II: From looking for causes, to modelling how work is done
- Functional Resonance Analysis Method
- Instructions in how to use the method and the software (prepared examples)
- Group exercises and discussion

Day 2:
- Beginning to build a FRAM model for an example chosen by the group
- How to complete the model
- How to plan a FRAM analysis and how to use the resulting model
- Group exercises and discussion
Learning Outcomes
After the course, the participants will have:

- A good understanding of the Functional Resonance Analysis Method, and of how to apply resilience engineering principles (Safety-II); and
- Practical experience with the method and how it can be used in their own work.

You Will Receive
- Lectures in pdf format
- A Functional Resonance Analysis Method handbook
- The FRAM Model Visualiser software

Recommended literature:

Instructor:
Erik Hollnagel is Professor at the University of Southern Denmark and Visiting Professorial Fellow, Faculty of Medicine and Health Sciences at Macquarie University (Australia). Erik is an internationally recognised specialist in the fields of resilience engineering, system safety, human reliability analysis, cognitive systems engineering, and intelligent man-machine systems. He is the author of more than 500 publications including twenty-two books, articles from recognised journals, conference papers, and reports. His latest title is Safety-I and Safety-II, The Past and Future of Safety Management.

Assistant:
Geoff Hurst, Director & Founder @ ENGENEOHS FIEAust, CPEng, MSIA, RSP
Geoff is a well-qualified OHS and Risk Engineering professional with expertise in the development of safety and risk management frameworks, embedding & developing effective Health & Safety Management Systems, workplace wellness programs, and implementing workplace cultural change in a variety of settings. Geoff has a depth of experience in: manufacturing, construction, local government, entertainment, transport & logistics, service and education sectors.

Target Audience
Professionals who are working with accident investigation, risk analysis, safety management or risk engineering in different industries (for instance process industries, energy, transportation, manufacturing/production, construction, health care).
Prerequisites

- Some practical experience with safety related activities.
- Basic knowledge about Safety Management and Human Factors and/or Resilience Engineering will be an advantage.
- Practical experience with event analysis or safety management will be an advantage.

Event details:

Date: 20-21 July, 2015
Venue: Cliftons Brisbane, Level 3, 288 Edward Street, Brisbane
Registration: 8.30am
Time: 9.00am – 5.00pm

Morning Tea, Lunch and Afternoon Tea will be provided.

Cost: SIA/RES Member: $750
Non-member: $990

Registration Link: Click here to register online

NOTE: Registrations limited to 30 participants

Online registrations close C.O.B Friday 10 July

Cancellation: Should your circumstances change and you are unable to attend the event, requests for cancellation of registration and refund of fees must be made in writing via email to natadmin@sia.org.au.

Requests for cancellations received after 10 July 2015 will not be accepted.

Contact information for the venue; 07 3231 0999, enquiries@cliftons.com