



# CPRE ADVANCED MODELLING

## ***Prochaines Dates***

22.09.2021 - 24.09.2021, Zurich

## ***Descriptions des Cours***

The aim of the workshop is to convey knowledge about effective and useful modelling of requirements. You will gain a deeper understanding of how to apply modelling techniques to facilitate better communication, manage system complexity and enable a greater degree of automation in system development activities.

## ***Objectifs***

Understand basic principles of Requirements Modelling

Gain ability to use context modelling, to include the use of system boundaries, context boundaries and context diagrams.

Apply the information structure view in requirements modelling, including UML class diagrams, class attributes, data types, binary association, aggregation, composition, generalisation and specialisation.

Apply dynamic views and scenario modelling in requirements modelling including use case, use case diagram, use case model, data flow, control flow, object flow,

data flow diagram, use case specification, activity diagram, function activity, action, state, state machine, event, hierarchisation, and concurrency.

### ***Pour Qui***

Systems Engineers  
Requirements Engineers  
Project Managers  
Business Analysts  
Product Designers and Developers  
Integration, Verification & Validation Engineers

### ***Tarifs des Cours***

Early Bird: 1,620 CHF; Regular: 1,800 CHF

### ***Durée***

3 jours

### ***Enseignant***



Colin Hood

Colin Hood started work in the Electrical and Electronic industry in 1977 and has been a Systems Engineer since 1985. Colin Hood is a founding member of the International Requirements Engineering Board, and has been a member of INCOSE since 1999. Colin is an expert in Requirements Engineering and Requirements Management.