

Model Based System Engineering

Experiences from the implementers

Monday 9th December 2019

Location:

Atkins, The Hub,
500 Park Avenue,
Aztec West, Bristol, BS32 4RZ

Time:

18:30 for 19:00 start

Cost:

FREE
Non-Members Welcome



Model-Based Systems Engineering (MBSE) has been an increasingly important component to good Systems Engineering practice for some time. However the successful implementation and adoption of MBSE approaches has proved difficult for many organisations. This discussion describes the challenges and potential solutions based on the experiences from members of the INCOSE MBSE Working Group and a case study that addresses the implementation of a product reference architecture using an MBSE approach.

Ian Clark - Chairman INCOSE UK MBSE Interest Group

Ian has implemented, managed and advised on Model Based Engineering in Aerospace and Defence for 30 years, in Software and Systems development of Aircraft Display, Sonar, and Communication and Information Systems. Ian is the Generic Weapon System Architecture Lead at MBDA. Ian was a start-up member of Artisan Software Tools that brought Artisan Real-Time Studio to the market. A CASE tool to model, code generate and simulate real-time systems.

Jason Gollaglee - Technical Lead at MBDA for Systems Engineering and Design Capability, focused on providing Systems Engineering consultancy



and support at Stevenage. In his current role, he is responsible for leading the UK activities relating to their Reference Missile Functional Architecture (RMFA), chairs MBDA's MBSE Community of Practice, and co-ordinates MBDA UK's activities regarding the deployment of their Application Lifecycle Management (ALM) solution.

The INCOSE UK MBSE Interest Group has over 250 registered members and is a constituent part, along with a number of MBSE Work Streams, of the overall INCOSE UK MBSE Working Group. The Interest Group meets at least 3 times a year in various host locations around the country to share and discuss various MBSE topics and member organisation case studies.

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