



System Modelling – Requirements are never enough!

Session Chair - Bob Briggs

Speakers: Bob Briggs, Paul Hicks, Graham Bleakley, Steve Whittle and Jon Holt

Rapporteur: Doug Cowper



Motivation



- **Over-emphasis on text requirements**
- **Imprecision of natural language for stating requirements**
- **Missed opportunities for realisable benefits**
- **Misunderstanding of some basic system concepts**
- **Lack of integration in the use of techniques and ideas (as well as tools)**
- **Building ‘Castles in the Air’ with our processes and procedures.**



Our Aims



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- Explore the role of modelling in systems engineering
- Find ways to make it happen
- Be provocative
- Elicit your views and opinions
- Change some preconceptions
- Challenge the status quo
- Get you to do some work



Format



- **Topic Speakers using visual aids and possibly demonstrations (~25 mins)**
- **Audience Discussion (~10 mins)**
- **Summary (~10 mins)**



The Speakers



- **The Panel**
 - Paul Hicks – Independent Consultant
 - Graham Bleakley – iLogix
 - Steve Whittle – BAe SYSTEMS
 - Jon Holt – Brass Bullet
- **Rapporteur**
 - Douglas Cowper – University College London
- **Chair**
 - Bob Briggs - Independent Consultant



Running Order



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Start	Topic	Speaker
09:00	Introduction to session and speakers.	Bob Briggs
09:10	Why requirements on their own are not enough	Paul Hicks
09:45	Modelling Myths	Graham Bleakley
10:20	Where does modelling fit in systems engineering	Steve Whittle
10:55	Refreshment Break	
11:10	Behaviour Modelling – the missing link	Bob Briggs
11:45	The move to Object Oriented approaches	Jon Holt
12:20	Session Close	Bob Briggs
12:30	Lunch	