



Overview of the Workshop Topics

- Each topic will be introduced by a short presentation of the main issues for discussion.
- A moderator has been appointed for each discussion.
- The aim is to exchange experiences and solutions.
- Some ground rules:
 - Help the moderator
 - Listen to others
 - One debate at a time
 - Stick to the subject
 - Write notes !!!
- We have a lot to cover, so we will try to stick to the schedule, but the most important thing is to get your input and opinions.



Topic 1 : Coordination of Fast & Real Time Simulation Activities

Presenter:

**Parimal Kopardekar
(FAA)**

Moderator:

**Andreas Tautz
(DFS)**

- **Main Issues:**
 - Applications
 - Optimizing
 - Data Sharing between Fast & Real Time
 - Reuse & Standardization



Special Presentation : Validation Data Repository

**Presenter:
Keith Vickery
(EHQ)**



Topic 2 : Scenario Uses

Presenter:

**Gyrd Skraaning
(OECD-HRP)**

Moderator:

**Sandy Lozito
(NASA Ames)**

- **Main Issues:**
 - **Normal vs. Abnormal Situations**
 - **Cognitive Walkthroughs**
 - **Appropriate Baseline**
 - **Usability**
 - **Operational Test and Evaluation**



Topic 3 : Scenario Considerations

Presenter:

**Belinda Hargrove
(TransSolutions)**

Moderator:

**Peter Crick
(EEC)**

- **Main Issues:**
 - **Domain**
 - **Scope**
 - **Multi-Modal/Inter-Modal**
 - **Duration of Scenario**
 - **Fidelity**
 - **Focal Points**
 - **New Operational Concepts**
 - **How to Validate**
 - **Scenario Development Software**



Topic 4 : Building Traffic

Presenter:
Didier Pavet
(CENA)

Moderator:
Shahab Hasan
(LMI)

- **Main Issues:**
 - **Scheduling**
 - **Fleet Mix**
 - **Generic Traffic Samples**
 - **Proprietary Airline Data**
 - **Aircraft Characteristics**
 - **Validation**



Topic 5 : Scripting Specific Events

Presenter:

Alberto Pasquini
(Deep Blue)

Moderator:

Gary Lohr
(NASA Langley)

- **Main Issues:**
 - **Procedures**
 - **Weather**
 - **Policy**
 - **Operational Errors/System Failures/Security Situations**
 - **Ground and Air**
 - **Genetic Algorithm – Conflict Creation**



Topic 6 : Analysis Considerations

Presenter:
Kevin Corker
(SJSU)

Moderator:
Miguel de Pablo
(AENA)

- **Main Issues:**
 - **FAA perturbations & Monte Carlo**
 - **Complexity, equivalence, perturbations**
 - **Measures/Metrics ties to scenarios**



Special Interest Topics

- **Validation Data Repository**
- **Cognitive Walkthroughs**
- **Multi-Modal/Inter-Modal**
- **Fidelity (Level of Realism)**
- **Scenario Development Software**

Please Sign Up for One !



2nd Day – Break Out Groups

- **Recap of Agenda Topics**
- **Each Group will Summarize Bullet Points and Present on Last Day**

Please Sign Up for One !