

TECHNICAL PAPER INDEX

LOCATING A PAPER: Within this Index papers are gathered into the Paper Sessions for which they were presented. To maintain consistency and avoid confusion only the Primary Author is listed for each paper. Please be aware that the person who presented the paper at the conference may not be the paper's Primary Author. To locate a paper: 1) search for it in the Paper Sessions below for which it would be relevant, 2) once the paper is located find the Primary Author in the Bookmarks side panel and "click" on the Primary Author's name to go directly to the paper.

DISPLAY SYSTEMS

Chair: Mr. Terry Linn—FlightSafety International

Continuous System Calibration Using Non-Visible Light
Kevin Wright, Christie Digital Systems

Pixel Size Requirements for Eye-Limited Flight Simulation
James Gaska, Link Simulation & Training

Practical Geometry Alignment Challenges in Collimated Flight Simulation Display Systems
James Long, FlightSafety (Presenter: Steve Nigus)

Proposed Method of Measurement of Display Sys for Tng with Stimulated Night Vision Goggles
Charles Lloyd, L-3 Com

Design Complexity of a Tall VFOV Submarine Bridge Trainer
Karl Sparklin, Barco

DISTRIBUTED SENSING & VISUALIZATION

Chair: Mr. Budimir Zvolanek—Boeing

High Resolution LED-Projector Stimulating Night Vision Goggles Using Infrared Radiation
Stephan Bissinger, Mechanical Optical Devices (MOD-GmbH)

The Emerging DoD Requirement for More Realistic Weather in Flight Simulation
Mike Sieverding, L-3 Comunciations

Modeling of Urban Light Pollution Domes
Karl Mathia, Renaissance Sciences Corp. (Presenter: Keith Niall)

Solutions to Problems in Multi-Channel Projected Domes
Curtis Bennett, Game Production Services

ENVIRONMENT MODELING

Chair: Mr. John Woytus—Boeing

Dynamic Synthetic Environments & the CDB

- Michel Lagacé, CAE

Commercial Signage: Image Signatures for Cultural Feature Identification

- Barry Bitters, SAIC

Shadow Mapping in High Performance Visual Simulations

- Cody Starr, Presagis

Techniques for Automatic Creation of Terrain Databases for Training and Mission Preparation

- Mr. Frido Kuijper, TNO Defence (Presenter: Rob Van Son)

Revisiting Correlation: Serious Games & Constructive Simulation

- David Mckeown, TerraSim

GROUND VEHICLE SIMULATION

Chair: Mr. R. Wade Allen—Systems Technology

Using Driving Simulator to Study Night Vision Enhancement Systems with Automatic Warnings

- Yefei He, National Advanced Driving Simulator

Ground Vehicle Simulation Using Augmented Reality

- George Park, Systems Technology

Replacement of Projector-Based Dual Channel Wide-Angle Display Sys. by Large LED Screens

- Juergen Rau, EADS, Defence Electronics, Simulation & Training

A Novice Driver Training System

- Scott Terrace, Systems Technology

A Simulator for Driver License Assessment

- George Park, Systems Technology (Presenter-R.Wade Allen)