5th Triennial International Aircraft Fire and Cabin Safety Research Conference

Evacuation / Operational Issues Research Sessions

Tuesday – Thursday

Evacuation Room

5th Triennial International Aircraft Fire and Cabin Safety Research Conference

EVACUATION / SIMULATION   **TUESDAY MORNING**

TIME	TITLE	PRESENTER
8:00-8:30	Cabin Safety Research: Opening Remarks	G. McLean
8:30-9:00	Evacuation And Human Factors: A Review Of Research	N. Latman
9:00-9:30	The Effect Of Operators' Briefing, Cabin Configuration, And Operating Handle Mechanism On Type III Exit Operation	R. Wilson
9:30-10:00	BREAK	
10:00-10:30	Fatigue and the Evaluation of Fatigue	N. Latman
10:30-11:00	Examination of Mechanisms of Injuries Due to Aircraft Slide Evacuation	L. Monajemi
11:00-11:30	Digital Human Modeling with Applications	Z. Cheng

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COMPUTER SIMULATION   **TUESDAY AFTERNOON**

TIME	TITLE	PRESENTER
1:30-2:00	Computer Simulations on Egress Assistant Devices During Aircraft Emergency Evacuations	H.C. Gea
2:00-2:30	Computer Study of Optimal Passenger Flow Pattern During Emergency Evacuation	H.C. Gea
2:30-3:00	Open Discussion	
3:00-3:30	BREAK	
3:30-4:00	A Computational Study of the Characteristics of Aircraft Post-Crash Fires	E. Galea
4:00-4:30	Predicting the Likely Impact of Aircraft Post-Crash Fire on Aircraft Evacuation Using Fire and Evacuation Simulation	E. Galea
4:30-5:00	The Impact of Exit Availability on Egress Time Using Computer-Based Evacuation Simulation	E. Galea

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EVACUATION / PAX AWARENESS **WEDNESDAY MORNING**

TIME	TITLE	PRESENTER
8:00-8:30	The Effect Of Type III Hatch Placement On Evacuation From Smaller Transport Aircraft	R. Wilson
8:30-9:00	Passenger Assistance Systems (PAS), For Deployment Following An Aircraft Evacuation	G. Greene
9:00-9:30	Comprehension of Symbolic Exit Signs: Context Effects	G. McLean
9:30-10:00	BREAK	
10:00-10:30	Comprehension of Symbolic Exit Signs: Passenger Attributes	G. McLean
10:30-11:00	Passenger Safety Awareness	C. Corbett
11:00-11:30	Open Discussion	G. McLean

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OPERATIONAL ISSUES   **WEDNESDAY AFTERNOON**

TIME	TITLE	PRESENTER
1:30-2:00	Effective Safety Presentation Media: Opening Remarks	L. Nunes
2:00-2:30	Airline Safety Cards	D. Koch
2:30-3:00	Comprehension of Safety Briefing Card Pictorials and Pictograms	C. Corbett
3:00-3:30	BREAK	
3:30-4:00	Comprehension of Safety Briefing Card Pictorials and Pictograms: Passenger Attributes	C. Corbett
4:00-4:30	Open Discussion	C. Corbett

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CABIN ENVIRONMENT   **THURSDAY MORNING**

TIME	TITLE	PRESENTER
8:30-9:00	Aircraft Cabin Environment Panel: Opening Remarks	E. Forster
9:00-9:30	Airliner Cabin Environment Research Overview I: Health-related Topics	W. Gale
9:30-10:00	BREAK	
10:00-10:30	Airliner Cabin Environment Research Overview II: Chem-Bio Response- Related Topics	W. Gale
10:30-11:00	Indoor Air Quality in Commercial Aircraft	T. Karakoc
11:00-11:30	Open Discussion	E. Forster

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- Registration Desk Open 7:30 am – 5:00 pm

- Accident Database Seminar in Cape Room   Wed at 5:00 – 6:30 pm

- Register at Registration desk and get / install CD Before Session

- Blue Schedule Sheet has Break Schedule

- Blue Schedule Sheet has Contact Info Refusal Signature Block

- Speakers Assemble 10 Here Minutes Before Sessions

Evacuation / Simulation

Computer Simulation

Evacuation / Pax Awareness

Operational Issues

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Cabin Environment