Flight Simulation Conference

EFFECTIVE DEVLOPMENT OF FLIGHT SIMULATORS

BOEING CAE LEONARDO THALES L3 Commercial Training Solutions

TRU SIMULATION + TRAINING A Textron Company Shell Aircraft

DAY ONE - TUESDAY 13 NOVEMBER 2018

08:30	**Registration and Refreshments**
09:00	**WELCOME & OPENING REMARKS** **Speaker:** *Goran Ancker, Technical Fellow, Saab Aeronautics, RAeS Flight Simulation Group*
09:05	**KEYNOTE** **Speaker:** *James Takats*
	SESSION ONE: SIMULATIONS TO SUPPORT AIRCRAFT DEVELOPMENT
09:35	**1) BRIEFING ON SIMULATION TO SUPPORT AIRCRAFT DEVELOPMENT** **Speaker:** *Goran Ancker, Technical Fellow, Saab Aeronautics, RAeS Flight Simulation Group*
10:00	**2) THE ROLE OF SIMULATION IN SUPPORT OF F-35B/QEC AIRCRAFT-SHIP INTEGRATION** **Speaker:** *Steven Hodge MRAeS, Senior Simulation Engineer, BAE Systems*
10:25	**Networking Refreshment Break**
10:55	**3) SLSC OPEN STANDARD FOR SIGNAL CONDITIONING** **Speaker:** *Jeremy Twaits, Country Manager (UK), National Instruments*
11:20	**4) SLSC OPEN STANDARD FOR SIGNAL CONDITIONING IN HARDWARE-IN-THE-LOOP SIMULATION OF AIRCRAFT SYSTEM** **Speaker:** *Anders Tunstromer, Saab*
11:45	**PANEL DISCUSSION**
12:05	**Networking Refreshment Lunch**
	SESSION TWO: MODELLING TOOLS AND TECHNIQUES
13:10	**5) THE EVOLUTION OF SIMULATION - INCREASING THE USE OF MODELLING & SIMULATION FOR PRODUCT DEVELOPMENT.** **Speaker:** *Jason Wilkes, Country Manager (UK), Pegasis*
13:35	**6) TBC** **Speaker:** *TBC*
14:00	**7) ENHANCING MODEL INTEROPERABILITY IN AIRCRAFT SYSTEM SIMULATION USING THE FUNCTIONAL MOCK-UP INTERFACE STANDARD** **Speaker:** *Magnus Eek, Saab Aeronautics*

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DAY ONE - TUESDAY 12 JUNE 2018

14:25	**PANEL DISCUSSION**
14:45	**Networking Refreshment Break**
	SESSION THREE: SIMULATING AVIONICS
15:20	**8) HOW OPEN SYSTEM ARCHITECTURES ARE CHANGING AEROSPACE TECHNOLOGY DEVELOPMENT** **Speaker:** *Lawrence Kermon, Principal Program Manager, Rockwell Collins*
15:45	**9) DEVELOPING A610 FUNCTIONALITY FOR COMPUTER CONTROLLED AIRCRAFT SIMULATION - A LOOK AT DIFFERENT WAYS OF SIMULATING AVIONICS AND THEIR ADVANTAGES AND DISADVANTAGES** **Speaker:** *Bernard Mattos FRAeS, RAeS Flight Simulation Group*
16:10	**10) FSEMC DATA DOCUMENT, PROGRESS TOWARDS A COMMON BASELINE** **Speaker:** *Mike Jackson, Manager, Acquisitions and Programs, FedEx*
16:35	**11) TYPHOON SIMULATOR RECORD AND REPLAY/DEBRIEF FACILITY** **Speaker:** *Duncan Porteous, S/W Team Leader, BAE Systems - Air*
17:00	**PANEL DISCUSSION**
17:20	**CLOSING REMARKS** **Speaker:** *Goran Ancker, Technical Fellow, Saab Aeronautics, RAeS Flight Simulation Group*
17:30	**REGISTRATION AND REFRESHMENTS**
18:00	**CAPT RAY JONES LECTURE** **Speaker:** *TBC*
19:00	**NETWORKING RECEPTION**
17:30	
18:00	
19:00	

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DAY TWO - WEDNESDAY 14 NOVEMBER 2018

08:30	**Registration and Refreshments**
09:00	**WELCOME & OPENING REMARKS** **Speaker:** *Goran Ancker, Technical Fellow, Saab Group, RAeS Flight Simulation Group*
09:05	**KEYNOTE: UK DEFENCE POLICY FOR MODELLING AND SIMULATION** **Speaker:** *Bijal Shah, Deputy Head Joint Training & Simulation, MoD*
	SESSION FOUR: NETWORKED SIMULATION
09:35	**17) BRIEFING ON NETWORKED SIMULATION** **Speaker:** *Stefan Sandberg, MRAeS, President and CEO, Pitch Technologies*
10:00	**16) NATO VISION ON DISTRIBUTED FLIGHT TRAINING EVENTS AND WHAT REQUIREMENTS THAT WILL HAVE TO BE MET BY ANY INDIVIDUAL FLIGHT SIMULATION SYSTEM IN ORDER TO PARTICIPATE** **Speaker:** *Wim Huiskamp ,Chief Scientist Modelling & Simulation and Gaming at TNO Defence, Security and Safety*
10:25	**Networking Refreshment Break**
10:55	**17) DOTC AIR** **Speaker:** *Gp Capt Mark 'Britvic' Gorringe, Programme Manager - Defence Operational Training Capability, RAF Air Command*
11:20	**PANEL DISCUSSION**
	SESSION FIVE: EXPLOITING GAMING TECHNOLOGY
11:45	**19) CAN WE LEARN FROM CROSS-PLATFORM GAMING?** **Speaker:** *Andy Fawkes MRAeS, Academic Liaison, Thinke Company Ltd*
12:10	**Networking Refreshment Lunch**
13:10	**21) TBC** **Speaker:** *TBC*
13:35	**22) DESIGN OF TARGETED FIDELITY TRAINING DEVICES USING GAMING TECHNOLOGY AND STANDARDS BASED INFRASTRUCTURE** **Speaker:** *Stefan Sandberg, MRAeS, President and CEO, Pitch Technologies*

ROYAL AERONAUTICAL SOCIETY

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DAY TWO - WEDNESDAY 14 NOVEMBER 2018

14:00	**PANEL DISCUSSION**
14:20	**Networking Refreshment Break**
	SESSION SIX: EMERGING TECHNOLOGIES AND PROCESSES
14:50	**23) PRODUCT FAMILY ENGINEERING CHALLENGES AND SOLUTIONS IN THE DEVELOPMENT OF AIRCRAFT SIMULATORS** **Speaker:** *Robert Lindohf, Saab*
15:15	**24) DISPLAY TECHNOLOGIES FOR LVC SYNTHETIC ENVIRONMENTS** **Speaker:** *Fernando Petruzziello, Qube 4D*
15:40	**PANEL DISCUSSION**
16:00	**CLOSING REMARKS** **Speaker:** *Goran Ancker, Technical Fellow, Saab Aeronautics, RAeS Flight Simulation Group*
16:10	**END OF DAY TWO**