

Military Simulation Asia 2019



Day 1

09:00 *Chairman's opening remarks*
Adlinna Abdul Alim, Managing Editor, Asian Defence Journal/ADJ's Training & Simulation

09:15 **Australia-Singapore Military Training Initiative: Co-operation in the Development of Training Techniques and Capabilities**

Brigadier Mark Brewer, Director General Australia – Singapore Military Training Initiative, Australian Army

09:45 *Q&A with Brigadier Mark Brewer*

09:50 **Using Simulation Technology to Train Commanders in Incident Management and Decision Making**

Mr Poon Ngee, Deputy Director, Centre for Skills Transformation, Home Team Academy, Government of Singapore

10:20 *Q&A with Mr Poon Ngee*

10:25 Morning break and Networking

Day 1

11:00 **PANEL DISCUSSION: Operational Requirements Driving Training and Approaches to Integrating Simulation Technology into Training Infrastructure**

- Operational requirements that your training must prepare for.
- What new training and simulation technology areas is your organisation looking to integrate in the future?
- What are the challenges to consider when integrating new technologies into existing training processes?

Brigadier Mark Brewer, Director General Australia – Singapore Military Training Initiative, Australian Army

Mr Poon Ngee, Deputy Director, Centre for Skills Transformation, Home Team Academy, Government of Singapore

11:30 **Robotics Targetry for Urban Tactical Training**

Mr Gene Fong, Assistant Division Manager, Instrumentation Systems Division Training & Simulation Systems, ST Engineering Electronics

16:15	Q&A with Mr Gene Fong
12:05	<p>Capability for Networked Simulation as Standard in Full Flight Simulation</p> <p><i>Dr. Roman Sperl , CEO, Reiser Simulation and Training GmbH</i></p>
16:15	Q&A with Dr. Roman Sperl
12:40	Lunch and Networking
13:40	<p>Information Processing in Complex Live Simulated Contexts and Implications for Training</p> <p><i>Dr Teresa Crea, Development & Education Lead, Visualisation, Simulation and Immersive Design, University of New South Wales</i></p>
14:10	<p>PANEL DISCUSSION: Human Factor Considerations for High Fidelity Training</p> <ul style="list-style-type: none"> • Accessing the validity and functionality of simulation as a training device • Preventing inaccurate outcomes that limit or harm the training process • Psychological considerations and limitations for the design of training systems <p><i>Mr Gene Fong, Assistant Division Manager, Instrumentation Systems Division Training & Simulation Systems, ST Engineering Electronics</i></p> <p><i>Mr Peeter Nieler, CEO, Criffin</i></p> <p><i>Dr Teresa Crea, Development & Education Lead, Visualisation, Simulation and Immersive Design, University of New South Wales</i></p>
14:45	<p>Cost Effective High Fidelity Solutions</p> <p><i>Mr Christoph Bode, Chief Technology Officer and Owner, project-syntropy</i></p>
15:15	Afternoon break and Networking
15:45	<p>Can CONOPS be Simulated through Operations Other than War?</p> <p><i>Mr Andre Foo, Senior analyst of military studies programme, RSIS; Instructor at SAFTI Military Institute</i></p>
16:15	Q&A with Mr Andre Foo
16:20	<p>Design and Development of Mobile Access for Radar Training</p> <p><i>Dr Lee Kar Heng, Director, TBSS Centre for Electrical and Electronics Engineering</i></p>
16:50	Q&A with Dr Lee Kar Heng
16:55	Chairman's Closing Remarks - End of Day 1

Day 2

09:00 *Chairman's opening remarks*
Adlinna Abdul Alim, Managing Editor, Asian Defence Journal/ADJ's Training & Simulation

09:15 **Revolutionising Modelling and Simulation for Design and Operation of the Future Australian Defence Force**

Dr Lynn Booth, Chief Joint & Operations Analysis Division, Defence Science and Technology Group, Department of Defence Australia

09:45 Q&A with Dr Lynn Booth

09:50 **Military Training Requirements in Tomorrow's Political Landscape**

Lt. General (ret) Frank Wiercinski, Former Commander of US Army Pacific

10:20 Q&A with Lt. General (ret) Frank Wiercinski

10:25 Morning break and Networking

Day 2

11:00 **Comparing Live Training and Virtual Training: The Pros and Cons**

Janesh Janardhanan, Consulting Director, Frost & Sullivan

11:30 Q&A with Janesh Janardhanan

11:35 **Plans for Future Training Systems Capability Development**

Vice Admiral Dr Sahapong Kruapech, Advisor to Permanent Secretary of Defence, Thailand

12:05 Q&A with Vice Admiral Dr Sahapong Kruapech

12:10 **Realistic ASW Training with AUV Training Targets**

Mr Maxime Velu, Sales & Marketing Manager, Asia & Pacific, RTSYS

12:40 Q&A with Mr Maxime Velu

12:50 **Chairman's Closing Remarks – End of Day 2**

12:55 Lunch and Networking