

# PROGRAMME FOR THE SOUTH AFRICAN JOINT AIR DEFENCE SYMPOSIUM (PRETORIA, RSA), 27 TO 28 SEPTEMBER 2011



**27<sup>th</sup> SEPTEMBER 2011**

## **OPENING PROCEEDINGS**

- 07:30 - 08:30 **Registration**, Coffee, Exhibition Open.
- 08:30 - 08:50 **Administrative Arrangements.** [Col H.J. Baird – ADA Formation.](#)
- 08:50 - 09:00 **Opening Address.** [To be confirmed](#)
- 09:00 - 09:30 **Keynote Address.** [Maj Gen V.R. Masondo – Chief Army Force Preparation](#)

## **FIRST SESSION**

**Session Chair:** [Brig Gen A.D. Luck – SA Army](#)

- 09:30 - 10:00 **Concept-Led Capability Development: Towards Developing the desired JAD Capabilities for Safeguarding the RSA Air Border**, Col A. Grundling and Mr H. Oosthuizen, Chief Joint Operations.
- 10:00 - 10:30 Refreshments and Exhibition Open for Delegates.
- 10:30 - 11:00 **The Joint Capability-Based and Concept-Led Approach: A model for Rational, Integrated and Innovative Joint Force Planning in the SANDF**, Capt (SAN) J.E. Sinovich, Chief Joint Operations.
- 11:00 - 11:30 **Shaping Joint Air Defence for Future Missions – Back to Basics**, Mr R. Oosthuizen, Monzé Consultants.
- 11:30 - 12:00 **Air Border Safeguarding in Sub-Saharan Africa: Addressing Necessity and Capability through Cooperation and Innovation**, Capt (SAN) G. Wessels, SA Navy.
- 12:00 - 12:30 **Air Border Safeguarding - Taking Back the Initiative**, Lt Cdr C. Theunissen, SA Navy.
- 12:30 - 13:30 Lunch and Exhibition Open for Delegates.

## **SECOND SESSION**

**Session Chair:** [Brig Gen N. Mpaxa – SA Army](#)

- 13:30 - 14:00 **The South African Radar Industry: Benefits to Air Defence**, Mr L. Mathieson, Armscor (Presentation will be done by Mr P. Meiring, Armscor).

- 14:00 - 14:30 **Bandwidth Selection for Military Air Defence Radar Applications**,  
Dr A. Wergin, CASSIDIAN, Germany.
- 14:30 - 15:00 Refreshments and Exhibition Open.
- 15:00 - 15:30 **How Far is the Radar Horizon?** Prof P.W. van der Walt, Reutech Radar Systems.
- 15:30 - 16:00 **Homeland Defence: Arguments for a Network Centric Approach**,  
Mr B. Naudé, DPSS, CSIR.
- 16:00 - 16:15 **Delegates Break to Prepare for Function**

## EVENING EVENT

Master of Ceremonies: **Col F.F. Mabalane – SA Army Intelligence Formation**

- 19:00 for 19:30 **Formal Dinner at CSIR** (Mess Dress or Formal Evening Wear, Cash-Bar will be available).

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### THIRD SESSION

Session Chairs: **Brig Gen M.O. Mcetywa & Brig Gen J.W. Bayne – SA Air Force**

- 07:30 - 08:15 Coffee and Exhibition Open for Delegates.
- 08:15 - 08:20 **Administrative Arrangements.** **Col H.J. Baird – ADA Formation.**
- 08:20 - 08:50 **Multi-role Systems for Border Security**, Mr R. Harrison, Thales ADW, Ireland.
- 08:50 - 09:20 **From Close Air Support to Joint Operations Other Than War**, Mr C. Smith, DPSS, CSIR.
- 09:20 - 09:50 **Airborne Early Warning and Control: Supporting the People of the Region**,  
Brig Gen (Ret) Phillip Willcock, Saab Business Unit Electronic Defence Systems.
- 09:50 - 10:20 **Rationale for the Development of a New Reconnaissance and Surveillance Aircraft**,  
Dr P. Potgieter, Aerosud.
- 10:20 - 10:50 Refreshments and Exhibition Open for Delegates.

### FOURTH SESSION

Session Chair: **Mr Henry Green – Armscor**

- 10:50 - 11:20 **How to use GBAD Systems in MOOTW Missions – The Swiss Solution**,  
Col F. Ochsner, Chief GBAD AOC, Swiss Air Force.
- 11:20 - 11:50 **Continued Survivability of Joint Air Defence through Innovative Solutions and Processes in the conduct of Air Border Safeguarding**, Mr C. Valentine, SAAB Systems Grintek.
- 11:50 - 12:20 **Information Centric C<sup>4</sup>I Test Bed**, Mr C. Malan and Mr A. Duvenhage, DPSS, CSIR.

12:20 - 13:20 Lunch and Exhibition Open for Delegates.

## **FIFTH SESSION**

Session Chair: **R Adm (JG) K. Wiesner – SA Navy**

13:20 - 13:50 **Technologies for C-RAM Fire**, Dr G. Viljoen, Denel Dynamics.

13:50 - 14:20 **Application of Reflect Array Technology for Flexible AD**, Mr P. Eibergen, Thales, Nederland.

14:20 - 14:50 **Threat Aircraft Intent Estimation in JAD within Operations Other Than War**, Mr R. Oosthuizen, DPSS, CSIR.

14:50 - 15:10 Refreshments and Exhibition Open for Delegates.

15:10 - 15:40 **Simulation for Border Safeguarding**, Ms S. van Rooyen and Ms L. Leenen, DPSS, CSIR.

15:40 - 16:10 **Modelling and Simulation for Level 5 Products System Development**, Mr S. Naidoo, Denel Integrated System Solutions.

16:10 - 16:40 **Closing Address.** **Maj Gen Mokoape – Chief Army Reserve Forces**