

Electronic Warfare 2011

Programme Day One – Wednesday 25 May 2011

**THE GLOBAL EW CONFERENCE
SHAPING THE FUTURE OF EW – COMINT SEMINAR
SPONSORED BY**



08.00-09.00 – ARRIVAL, REFRESHMENTS & EXHIBITION

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| 09.00 | CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley CB, MBE, RAF (Ret'd), Senior Military Advisor, Shephard Group, UK |
| 09.05 | KEYNOTE ADDRESS Major General Kari Siiki, Finnish Defense Forces (Ret'd), Finland |

SESSION 1

The Future of COMINT and COMMS-ESM

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| 09.30 | UAS-BORNE COMINT – RESEARCH TRENDS & EXPERIMENTAL RESULTS PD Dr. Habil. Wolfgang Koch, Head of Department, Sensor Data & Information Fusion, Fraunhofer Institute for Communication, Information Processing and Ergonomics, Germany |
| 09.50 | TACTICAL INTELLIGENCE SYSTEMS FOR HYBRID WARFARE Michael Niewohner, Diplom-Volkswirt, Diplom-Informatiker (FH), Director, Proposals & Marketing, PLATH GmbH, Germany |
| 10.10 | AUTOMATIC SIGNAL COLLECTION AND CLASSIFICATION Dr Hans-Joachim Kolb, Managing Director, MEDAV GmbH, Germany |

10.30-11.00 – REFRESHMENT BREAK & EXHIBITION

SESSION 2

The Data Flood – Modern COMINT Sensors/Collection Systems

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| 11.00 | NEW DEVELOPMENTS IN HF COMINT/DF ELECTRONIC WARFARE Arnaud Lecca, Head of HF/DF Department, Thales Communications, France |
| 11.20 | CHALLENGES IN MONITORING OF PORTABLE SATELLITE TERMINALS Dr Ralf Seeger, Systems Engineer RF COMINT, Rheinmetall Defence Electronics GmbH, Germany |
| 11.40 | WIDEBAND SIGINT RECORDING: HOW TO STAY AHEAD Bill Haraka MSc, Business Development Manager, SSBV Aerospace & Technology Group, Kingdom of the Netherlands |
| 12.00 | MODERN BROADBAND COMINT COLLECTION SYSTEMS Rainer Perthold, Chief Technical Officer, Innovationszentrum Telekommunikationstechnik IZT GmbH, Germany |
| 12.20 | PANEL DISCUSSION |

12.45-14.15 – LUNCH SPONSORED BY PLATH

SESSION 3

Information Extraction for the Data Deluge – Analysis and Evaluation

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| 14.15 | SEMANTIC VS KEYWORD: A NEW APPROACH FOR SUPPORTING EXPLOITATION Andrea Melegari, Chief Operating Officer Intelligence Division, Expert System, Italy |
| 14.35 | SMART, VISUAL, COLLABORATIVE: INTELLIGENCE IN 2020 Dr Vera Kamp, Director Knowledge Discovery Systems, PLATH GmbH, Germany |
| 14.55 | FRAMEWORK FOR DIGITAL SIGNAL ANALYSIS OF ELINT DATA Klaus Renken, Technical Director, ELETTRONICA GmbH, Germany |
| 15.15 | PANEL DISCUSSION |

15.30-16.00 – REFRESHMENT BREAK & EXHIBITION

SESSION 4

Conclusion

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| 16.00 | COMPACT MONITORING AND ANALYSIS SOLUTIONS Uwe Matthies, Chief Technology Officer, PROCITEC GmbH, Germany |
| 16.20 | NET-CENTRIC INTELLIGENCE IN HYBRID WARS Dr Ronald Meixner (Commander j.g. Ret'd), Sales & Business Development Manager, PLATH GmbH, Germany Commander (Reserve) Gordon Hunt, Chief Engineer, Real Time Innovations Inc, USA |
| 16.40 | Final Questions |
| 17:00 | Chairman's Closing Remarks |