<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>XXXXX</th>
<th>XXXXX</th>
<th>XXXXX</th>
</tr>
</thead>
</table>
| 10:00 – 10:45 |      | Welcome and Opening |   | Klaus Thoma, Fraunhofer EMI/VVS  
|           |      | Beate Wieland, Ministry for Innovation,  
|           |      | Science and Research North Rhine-Westphalia, MIWF  
|           |      | Federal Ministry of Education and Research, BMBF  
|           |      | Federal Ministry of Defence, BMVg |
| 10:45 – 11:15 |      | Keynote I |   | Resilence – Success Through Partnerships  
|           |      | Richard Serino, Deputy Administrator FEMA |
| 11:15 – 12:30 |      | Panel I |   | Industry Perspective on Security Research  
|           |      | Michael Bewerunge, ZDF  
|           |      | G. Schlechtriem, Bosch; B. von Curland, Siemens AG;  
|           |      | P. Francis, Airbus D&S Cyber Company; H. Geiser, Securiton;  
|           |      | K. Thoma, Fraunhofer EMI/VVS |
| 12:30 – 14:00 |      | Networking Lunch |   |
| 14:00 – 15:30 |      | Urban Security | Food Chain Security | Video Surveillance, Sensors and Data Analysis |
| 15:30 – 16:15 |      | Poster Session 1 |   |
| 16:15 – 17:45 |      | Urban Infrastructures | Human and Systems Modelling, Analysis and Integration | Surveillance, Sensors, Data Fusion and Analysis |
| 18:00 – 21:00 |      | Welcome Reception |   |
WEDNESDAY, SEPTEMBER 17, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>XXXXX</th>
<th>XXXXX</th>
<th>XXXXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00–09:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Keynote II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30–11:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Panel II</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>U.S. Perspectives on Resilience</td>
<td>Michael Bewerunge, ZDF</td>
<td></td>
</tr>
<tr>
<td>11:00–11:15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>11:15–12:45</td>
<td>Resilience</td>
<td>Detection Technologies 1</td>
<td>Public Transport Security (RiKOV)</td>
<td></td>
</tr>
<tr>
<td>12:45–13:45</td>
<td></td>
<td></td>
<td>Networking Lunch</td>
<td></td>
</tr>
<tr>
<td>15:30–16:00</td>
<td></td>
<td></td>
<td>Poster Session 2</td>
<td></td>
</tr>
<tr>
<td>16:00–17:30</td>
<td>Crisis Management 2</td>
<td>Directed Energy Research</td>
<td>IT Security Monitoring</td>
<td></td>
</tr>
<tr>
<td>17:30–18:30</td>
<td></td>
<td></td>
<td>Free Time</td>
<td></td>
</tr>
<tr>
<td>18:30–23:00</td>
<td></td>
<td></td>
<td>Conference Dinner at Technical Museum</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Room</td>
<td>XXXXX</td>
<td>XXXXX</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>-------------</td>
<td>-------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>08:30 – 10:00</td>
<td>From Research to Products: The 5 Demonstration Programs of FP7</td>
<td>Tijen-Khoen Liem, European Commission – DG ENTR</td>
<td>M. Martínez-García, Spanish NCP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PERSEUS – A. Gonzalez Gorostiza, INDRA</td>
<td>EDEN – C. Goodchild, BAE Systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CORE – G. Zomer, TNO</td>
<td>SECUR-ED – I. Perreal, Thales</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>DRIVER – M. Missoweit, Fraunhofer INT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 – 10:45</td>
<td>Coffee Break and Best Poster Award</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45 – 12:45</td>
<td>Future Research Needs</td>
<td>IT Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:45 – 13:30</td>
<td>Lunch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30 – 15:00</td>
<td>Closing Remarks</td>
<td>Klaus Thoma, Fraunhofer EMI/VVS</td>
<td>Michael Bewerunge, ZDF</td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>End of Conference</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
11:15  PANEL I
12:30  INDUSTRY PERSPECTIVE ON SECURITY RESEARCH

Moderator: Michael Bewerunge (ZDF)

Gregor Schlechtriem
(Director Sales and Execution, Bosch Security Systems)

Biron von Curland
(Strategic Director, Siemens AG, Infrastructures & Cities Sector – Building Technologies Division)

Paddy Francis
(CTO, Airbus D&S Cyber Company)

Horst Geiser
(Director, Securiton)

Klaus Thoma
(Chairman, Fraunhofer VVS)
14:00 – 15:30
ROOM XXX
URBAN SECURITY

Session chairs: Andrea Bräuning (Robert Bosch GmbH, Germany)/Alexander Stolz (Fraunhofer EMI, Germany)

The Drive for Holistic Urban Resilience
Stephen M. Purcell (Future Analytics Consulting, Ireland), et al.

Quantifying Urban Risk and Vulnerability – A Toolsuite of New Methods for Planners
Werner Riedel (Fraunhofer EMI, Germany)

A Web Application for Urban Security Enhancement
Ivo Häring (Fraunhofer EMI, Germany), et al.

Physical Protection of Critical Infrastructure in Urban Environment
Maik Fröchtenicht (Wehrtechnische Dienststelle für Schutz- und Sondertechnik, Germany)
14:00 – 15:30  
ROOM XXX

FOOD CHAIN SECURITY

Session chairs: Bernd Appel (Federal Institute for Risk Assessment, Germany)/Bärbel Niederwöhrmeier (Federal Ministry of Defence, Germany)

Food Crisis Scenario Simulations Improving Food Safety and Security
Alexander Falenski (Federal Institute for Risk Assessment, Germany), et al.

Resilience of the German Food Chain
Jan Seitz (University of Applied Sciences Wildau, Germany), et al.

Disruptions of Food Supply Chains: A Spatial Vulnerability Assessment Approach for Disaster Management
Thomas Münzberg (Karlsruhe Institute of Technology (KIT), Germany), et al.

Checklist for the Identification of Vulnerabilities for the Intentional Contamination of the Food Chain
Anja Buschulte (Federal Institute for Risk Assessment, Germany), et al.
14:00 – ROOM XXX
15:30 VIDEO SURVEILLANCE, SENSORS AND DATA ANALYSIS

Session chairs: Peter Löffler (Siemens Building Technologies, Germany)/Jürgen Beyerer (Fraunhofer IOSB, Germany)

Air-Bound Measurements of Radioactive Material with Swarm-behaved UAVs – the ANCHORS Project
Sebastian Chmel (Fraunhofer INT, Germany), et al.

A Roadmap for Developing Acceptable Surveillance-Based Security Measures
Sara Degli Esposti (The Open University, United Kingdom)

An Advanced Airborne Hyperspectral Remote Sensing System for Infrastructure Monitoring and Disaster Control
Wilfried Wetjen (OHB-System AG, Germany), et al.

Privacy-Aware Smart Video Surveillance Revisited
Yvonne Fischer (Fraunhofer IOSB, Germany), et al.
15:30 – POSTER SESSION 1
16:15

16:15 – ROOM XXX
17:45 URBAN INFRASTRUCTURES

Session chairs: Markus Nöldgen (Cologne University of Applied Sciences, Germany)/Tobias Leismann (Fraunhofer EMI, Germany)

A Holistic Protection Portfolio for Urban Infrastructure
Christoph Roller (Fraunhofer EMI, Germany), et al.

Modeling and Simulation of a Resilient Dynamic Protection System to Protect Critical Infrastructures
Rüdiger Klein (Fraunhofer IAIS, Germany), et al.

STEUERUNG: Advanced Information Security for Critical Infrastructures
Christian Horn (Technische Universität Berlin, Germany), et al.

Integration of Resilience Engineering in the Transdisciplinary Building Design Process
Markus Nöldgen (Cologne University of Applied Sciences – CUAS, Germany), et al.

18:00 – WELCOME RECEPTION
21:00
16:15 – 17:45  ROOM XXX
HUMAN AND SYSTEMS MODELLING, ANALYSIS AND INTEGRATION

Session chairs: Christopher Schlick (Fraunhofer FKIE, Germany)/Frank Flemisch (Fraunhofer FKIE, Germany)

An Innovative Approach for Tool-Based Field Exercise-Support to Gain Improved Preparedness in Emergency Response
Holger Bracker (Airbus Defence and Space, Germany), et al.

From Human Factors to HSI and Beyond: Design of Operational Centers and Control Rooms
Adelbert Bronkhorst (TNO, The Netherlands)

Architecture for and Evaluation of Situational Analysis in the Real World
David Münch (Fraunhofer IOSB, Germany), et al.

Ergonomics and Human Systems Integration for a Dynamic Balance of Security with Other System Qualities: Sketch of the Challenge and Solution Space
Frank Flemisch (Fraunhofer FKIE, Germany), et al.
**SURVEILLANCE, SENSORS, DATA FUSION AND ANALYSIS**

Session chairs: Aimo Bülte (Airbus Defence and Space, Germany)/ Oliver Ambacher (Fraunhofer IAF, Germany)

**Sensors for UXO Detection in the Sediment**  
David Rose (WTD 71, Germany), et al.

**Dynamic and Automatic Configuration of Distributed Heterogeneous Surveillance Systems**  
Igor Tchouchenkov, Florian Segor (Fraunhofer IOSB, Germany), et al.

**Exact Methods for Distributed Data Fusion – A Practitioner’s Perspective**  
Wolfgang Koch (Fraunhofer FKIE, Germany)

**EMPHASIS – Challenges in Data Management and Data Fusion for Locating Illegal Bomb Factories**  
Antoine van der Heijden (TNO, The Netherlands), et al.
09:30  PANEL II  
11:00  U.S. PERSPECTIVES ON RESILIENCE

Moderator: Michael Bewerunge (ZDF)

Richard Serino  
(Former Deputy Administrator, FEMA)

Caitlin Durkovich  
(Assistant Secretary, U.S. Department of Homeland Security – DHS)

Elizabeth Eide  
(Co-Director, Extreme Events Program, The National Academies)

Brian E. Kamoie  
(Assistant Administrator for Grants, FEMA)
11:15 – ROOM XXX
12:45 RESILIENCE

Session chair: Klaus Thoma (Fraunhofer EMI, Germany)

How to Implement Resilience – Some Recommendations
Benjamin Scharte (Fraunhofer EMI, Germany), et al.

The COBACORE Project – a Community-Based Approach to Disaster Recovery
Martijn Neef (TNO, The Netherlands)

Resilience – Doing Well Despite of Adversity
Christine (Tine) Adler, MAS (Ludwig-Maximilians-Universität München (LMU), Germany)

Assessing Societal Impacts of Security Research: Tools and Methodologies for European Security Research
Matthias Mueth (Hamburg-Consult, Germany)
11:15 – 12:45

ROOM XXX

DETECTION TECHNOLOGIES 1

Session chairs: Hermann Ries (Smiths Detection, Germany)/Horst Krause (Fraunhofer ICT, Germany)

3D-Forensics – Mobile High-Resolution 3D-Scanner and 3D Data Analysis for Forensic Evidence
Stephen Crabbe (Crabbe Consulting Ltd, Germany), et al.

Progress Towards Detection of Explosive Vapors by Mass Spectrometry
Gonzalo Fernandez de la Mora (SEDET, Spain)

Few-View X-Ray 3D Tomography for Security Applications with the Example of Sea Freight Containers
Victoria Heusinger (Fraunhofer EMI, Germany), et al.

Trace Detection of Explosive Substances in Hyperspectral Imagery
Jan Jarvis (Fraunhofer IAF, Germany), et al.
11:15 – ROOM XXX
12:45

PUBLIC TRANSPORT SECURITY (RIKOV)

Session chair: Stefan Pickl (Universität der Bundeswehr München, Germany)

Assessing the Vulnerability of Dynamical Systems in Public Transportation
Silja Meyer-Nieberg (Universität der Bundeswehr München, Germany), et al.

Optimizing Security vis-à-vis Terrorist Attacks: an Application for Public Rail Transport Systems
Marcus Wiens (Karlsruhe Institute of Technology (KIT), Germany), et al.

A Decision Support Approach: Evaluating the Effectiveness of Security Measures by Scenario-Based Multi-Criteria Analysis
Wolfgang Raskob (Karlsruhe Institute of Technology, Germany), et al.

Vulnerability analysis of critical infrastructure such as public transportation for terrorist attacks
Florian Brauner (Cologne University of Applied Sciences, Germany)
13:45 – 15:30

ROOM XXX

CRISIS MANAGEMENT 1

Session chairs: Leonhard Reindl (Albert-Ludwigs-University Freiburg, Germany)/Marcel van Berlo (TNO, The Netherlands)

Crisis and Disaster Management as a Network-Activity – Do we have to Extend the Term „vernetzte Sicherheit“ in German Speaking Countries?
Christian Flachberger (Frequentis AG, Austria), et al

Crisis Management in the U.S.: Examples of Policies, Practices, and the Role of Disaster Resilience
Elisabeth Eide (The National academies, USA)

More Safety for Football Events: Improving the Communication of Stakeholders and the Dialogue with Fans
Jürgen Moßgraber (Fraunhofer IOSB, Germany)/ Thomas Kubera (German Police University)

Interoperability as a Daily Challenge: Enhancing Operational Data Exchange between Rescue Organisations
Stefano Marsella/ Marcello Marzoli (Ministry of Internal Affairs – National Fire Corps, Italy), et al.
13:45 – ROOM XXX
15:30 DETECTION TECHNOLOGIES 2

Session chairs: Achim Friedl (Federal Ministry of the Interior, Germany)/Silke Römer (Fraunhofer INT, Germany)

Ethical Concerns Regarding Advanced Screening Systems
Marc Andree Weber (Freiburg University, Germany)

An Active Personal Screening Method at 360 GHz, Based on an FMCW-MIMO Approach – a TeraSCREEN Subsystem
Sandra Nowok (Fraunhofer FHR, Germany), et al.

Automatic Standoff Detection of Threats in Crowded Areas
Andrey Kuznetsov (APSTEC Systems, Estonia)

Stand-off Detection of Chemical and Biological Substances using Laser Induced Fluorescence (LIF) Technique
Thomas Fischbach (German Aerospace Center (DLR), Germany), et al.

Recent Improvements within the Testing and Certification Process of Explosive Detection Systems as Basis of a Harmonized European Test Regime
Dirk Roeseling (Fraunhofer ICT, Germany), et al.
13:45 – 
ROOM XXX
15:30
GLOBAL TRANSPORT SECURITY

Session chair: Ivo Häring (Fraunhofer EMI, Germany)

**Big Data in Aviation Supply Chain Security**
Carsten Böhle (University of Münster, Germany), et al.

**Vessel Route Prediction for Maritime Surveillance**
Giulia Battistello (Fraunhofer FKIE, Germany), et al.

**A Guide to Preparing and Executing an Effective Port Security Exercise**
Anastasia Wagner (Fraunhofer FKIE, Germany)

**Results of European Research Projects Increasing Public Security**
Thomas Streil (SARAD GmbH, Germany), et al.

**Training in Maritime Security – a Game Based Learning Approach**
Rainer Müller (Institute of Shipping Economics and Logistics, Germany), et al.
CRISIS MANAGEMENT 2

Session chair: Michael Lauster (Fraunhofer INT, Germany)

Development of a Microscopic Pedestrian Evacuation Simulation Taking into Account Behaviour and Perception Aspects
Georg Mayer (PTV Group, Germany), et al.

A Holistic, Scenario-Independent, Situation-Awareness and Guidance System for Sustaining the Active Evacuation Route for Large Crowds
Pedro Garibi Pérez (Indra, Spain)

Toolbox Concept for Improvement of European Preparedness and Resilience against CBRN Attacks
Svenja Stöven (Umeå University, Sweden) et al.

System Requirements for DESTRIERO: A Decision Support Tool for Reconstruction and Recovery in Case of Complex Crises Situations
Łukasz Szklarski (ITTI, Poland)
16:00 – 17:30  
ROOM XXX  
DIRECTED ENERGY RESEARCH  

Session chair: Michael Suhrke (Fraunhofer INT, Germany)

**Autonomous Software HPEM-Attack Detector Considering the Internal Resources of a COTS Computer**  
Chaouki Kasmi (French Network and Information Security Agency – ANSSI, France), et al.

**Vulnerability of Personal Radiation Meters to Intentional Electromagnetic Interference (IEMI)**  
Thorsten Pusch (Fraunhofer INT, Germany), et al.

**Investigation of the Impact of Various IEMI Sources to Electronic Passport Readers**  
Alexander Preinerstorfer (AIT Austrian Institute of Technology, Austria), et al.

**Neutralization of Explosive Devices with High Power Lasers**  
Jens Osterholz (Fraunhofer EMI, Germany), et al.
16:00 – 17:30

ROOM XXX

IT SECURITY MONITORING

Session chairs: Antonio Gonzalez Gorostiza (INDRA)/Michael Meier (Fraunhofer FKIE/ University Bonn, Germany)

**Policy Driven Pseudonymization**
Arnold Sykosch (Fraunhofer FKIE, Germany), et al.

**Use of Generic Security Event Data for Specific Threat Monitoring**
Till Elsner (University Bonn, Germany), et al.

**Collaborative Security Monitoring based on the MonIKA Framework for Privacy-Preserving Information Sharing**
Nils Motsch/Helmut Kaufmann (Airbus Defence and Space, Germany), et al.

**Utilization of Traceroutes to Improve Cooperative Detection of Internet Routing Anomalies**
Matthias Wübbeling (Fraunhofer FKIE, Germany), et al.
CONFERENCE DINNER

WEDNESDAY, SEPTEMBER 17, 2014

18:30  CONFERENCE DINNER
23:00  AT TECHNICAL MUSEUM

“The dream of flying”:
Not to be missed at “Future Security 2014” is an evening of fine dining, live entertainment and networking at the Conference Dinner. This exceptional evening is included in your registration fee, and will be a highlight of the conference:

• First, we invite you to experience “live” 200 years of German aviation history in the aviation section of the museum.

• After enjoying a small aperitif and fingerfood under the wings of aircrafts, the table will be set for an exquisite three-course menu upstairs in a representative room with a spectacular view over the city of Berlin.

• The evening will be accompanied with a dinner speech of Henning Beck: “Neuro-Security – How to Protect Data in Biological Systems” providing first-rate entertainment with his famously unconventional and humorous style.

If you wish to participate in this unique event, please remember to include it in your registration process. Vegetarian participants will also be well catered. Please advise us of any special dietary requirements.

DINNER LOCATION

Deutsches Technikmuseum
Trebbiner Straße 9
10963 Berlin, Germany
Phone +49 30 902540

A detailed location plan can be found in your conference folder.
08:30 PANEL III
10:00 FROM RESEARCH TO PRODUCTS: THE 5 DEMONSTRATION PROGRAMS OF FP7

Moderator: Tijen-Khoen Liem, European Commission – DG ENTR
Introduction: Tijen-Khoen Liem
(European Commission – DG ENTR)

Short statement: The need for large R&D Demonstration programmes from the eye of a Member State:
Marina Martinez-Garcia (Spanish NCP)
PERSEUS – Antonio Gonzalez Gorostiza (INDRA)
EDEN – Clive Goodchild (BAE Systems)
CORE – Gerwin Zomer (TNO)
SECUR-ED – Ives Perreal (Thales communications & security SA)
DRIVER – Merle Missoweit (Fraunhofer INT)

10:00 BEST POSTER AWARD
10:45
10:45 – 12:45

ROOM XXX

FUTURE RESEARCH NEEDS

Session chairs: Gerhard Coors (Federal Ministry of Defence, Germany)/Antje Bierwisch (Fraunhofer ISI, Germany)

Comparative Analysis of Methods for Strategic Security Research Planning
Joachim Burbiel (Fraunhofer INT, Germany) et al.

Working with Security Systems-of-Systems: Experience from FP7 and Thoughts for Horizon 2020
E. Anders Eriksson (FOI, Sweden), et al.

ESENET: An Outlook for the Future of Emergency Services in Europe
Uberto Delprato (IES Solutions, Italy), et al.

The Evolving Concept of Security: a Critical Evaluation Across Four Dimensions
Milos Jovanovic (Fraunhofer INT, Germany), et al.

Future Technology Landscapes: Insights, Analysis and Implications for Defence
Giacomo Persi Paoli (RAND Europe, United Kingdom)

Future Threat Scenarios for Identifying Societal Security Needs
Timo Leimbach (Fraunhofer ISI, Germany)
10:45 – 12:45

ROOM XXX

IT SECURITY

Session chairs: Andreas Könen (Federal Office for Information Security, Germany)/Peter Martini (Fraunhofer FKIE, Germany)

DNS Security: Past, Present and Future
Amir Herzberg (Bar-Ilan University, Israel), Haya Shulman (Technische Universität Darmstadt, Germany), et al.

Safety and IT-Security: Transfer of Methods, Knowledge and Lessons-Learned?
Thomas Alexander (Fraunhofer FKIE, Germany), et al.

An Approach for Systematically Analyzing and Identifying Security Requirements for the Converged Web-Mobile Applications
Devotha Nyambo (Nelson Mandela African Institution of Science and Technology, Tanzania), et al.

Protecting Critical Infrastructure: a Comprehensive Approach for Energy Transport
Rene Golembewski (Ilmenau University of Technology, Germany)

An Intelligent and Adaptive Live Simulator: A New Concept for Cybersecurity Training
Jorge Lopez Hernandez-Ardieta (Indra, Spain), et al.

On the Implications, the Identification and the Mitigation of Covert Physical Channels
Michael Hanspach (Fraunhofer FKIE, Germany)
13:30  PANEL IV

14:30  FUTURE SECURITY & DEFENCE RESEARCH IN EUROPE

Moderator: Michael Bewerunge (ZDF)

Georg Wilhelm Adamowitsch
(Managing Director, Federation of German Security & Defence Industries)

Tijen-Khoen Liem
(European Commission – DG ENTR)

Hilmar Linnenkamp
(International Security Adviser, German Institute for International and Security Affairs)

Holger Mey
(Head of Advanced Concepts, Airbus Defence and Space)

Dirk Grabowski
(Head of division, Federal Ministry for Economic Affairs and Energy)

Silvia Kainz-Huber
EC, G/5 Defence, Aeronautic and Maritime Industries

14:30  CLOSING REMARKS

15:00

Klaus Thoma (Fraunhofer VVS/EMI)
Michael Bewerunge (ZDF)
P 1  Food Products Confiscated from Traveller’s Baggage as a Source for Zoonotic and Third Generation Cephalosporin Resistant Pathogens  
Anne Mayer-Scholl (Bundesinstitut für Risikobewertung, Germany)

P 2  EU-Research-Project „RECONASS“  
THW, Germany

P 3  The SEAK Project: Decision Support for Managing Disruptions in Food Supply Chains  
Andreas Motzke/Wolfgang Raskob (Karlsruhe Institute of Technology (KIT), Germany), et al.

P 4  All-Hazard Guide for Transport Infrastructure  
Samuel Rothenpieler (Federal Highway Research Institute, Germany)

P 5  Risk Prediction Under Uncertainty  
Matthias Eckardt (Federal Insitute for Risk Assessment, Berlin, Germany), et al.

P 6  Mobile High-Energy X-Ray Inspection of Cargo Containers with Complex Scenarios: Results of the SEFLOG Project  
Sanjeevarreddy Kolkoori (BAM Federal Institute for Materials Research and Testing, Germany), et al.

P 7  Reduction of Inspection Time with 3-dimensional X-ray Tomography of Sea Freight Containers by Utilization of Compressed Sensing Reconstruction Methods  
Frank Sukowski (Fraunhofer IIS, Germany), et al.
P 8  Empirical Risk Analysis of Humanitarian Demining for Characterization of Hazard Sources
Johannes Schäfer (Fraunhofer EMI, Germany), et al.

P 9  High-Frequency Electromagnetic Simulation of Wind Turbines in Realistic Scenarios and Approximation Techniques for Reducing the Complexity of Computations
Frank Weinmann (Fraunhofer FHR, Germany)

P 10  Smart SIGINT Solutions Using Intelligent Fusion
Ulla Uebler (MEDAV GmbH, Germany), et al.

P 11  Application Specific Method for Human Factor Analysis
Christian Merfort (University of Siegen, Germany), et al.

P 12  SPICED – Securing the Spices and Herbs Commodity Chains in Europe Against Deliberate, Accidental or Natural Biological and Chemical Contamination
Anneluise Mader (Federal Institute for Risk Assessment, Germany), et al.

P 13  Enhancing Urban Security Policy Design – The Need for an Evidence-based Approach
Martijn Neef (TNO, The Netherlands), et al.

P 14  Multi-Criteria Evaluation for Automated Border Control
Gunther Grasemann (Fraunhofer IOSB, Germany)
P 15  Stand-off Bio Detection – State-of-the-Art Survey and Conclusions
Silke Römer (Fraunhofer INT, Germany), et al.

P 16  Synthesis and Test of Suitable Adsorbers for Selectively Trapping and Detecting Explosives and Improvised Explosives Precursors from Air
Gudrun Bunte (Fraunhofer ICT, Germany), et al.

P 17  C-IED: Comprehensive Concepts for Dual-Use Security Applications
Bernd Michael Fischer (French-German Research Institute of Saint-Louis, France)

P 18  The MonIKA Service Framework for Privacy Preserving Information Sharing
Mirko Haustein/Helmut Kaufmann (Airbus Defence and Space, Germany), et al.

P 19  ARATech2013 – SEVESO III Web Application Based on European Methodology
Lubomir Kelnar (ISATECH, Ltd., Czech Republic)

P 20  Introducing CAM – Constant Action Movie
Thomas Stephan (Karlsruhe Institute of Technology, Germany), et al.

P 21  Innovative Ways to Procure Maritime Border Security Systems in Europe
Linette de Swart (Ecorys Nederland, The Netherlands)

P 22  Artificial Gut Feeling®: Improving Urban Security by Following Human Instinct
Joanna Pliner (ISCA, Israel), et al.
P 23  Operation Specific Tailoring of Scenario Data for Underwater Thread Analysis
Julian Klinner (WTD 71 – Forschungsbereich für Wasserschall und Geophysik (FWG), Germany), et al.

P 24  Risk Potential of Pulsed Electromagnetic Radiation from a Remote Piloted Aerial System
Alexander Preinerstorfer (AIT Austrian Institute of Technology, Austria), et al.

P 25  EU Information Sharing Platforms: Cybercrime Meets Data Protection
Karine e Silva (KU Leuven, Belgium)

P 26  Trustworthiness Metrics for Socio-Technical Software
Holger Koennecke/Sachar Paulus (Universaty of Applied Science, Germany), et al.

P 27  Detection of Explosives: Evaluation of Laser Based Detection Schemes and Novel Race Detection Approaches
Bernd Michael Fischer (French-German Research Institute of Saint-Louis, France)

P 28  Mosaic-Chart Based Visualization in Building Automation Systems
Steffen Wendzel (Fraunhofer FKIE, Germany), et al.

P 29  Interoperability of PPDR Communication Systems Based on Solutions Proposed by 7th Framework Programme Projects
Henryk Gierszal (Adam Mickiewicz University, Poland), et al.

P 30  A Distributed System for Secure, Modular Computer Vision
Martin Boyer (AIT – Austrian Institute of Technology, Austria), et al.
P 31  A Novel Design of Content Based Multimedia Security
Jinse Shin (University of Siegen, Germany), et al.

P 32  Smart Sensors for Security Applications
Frank Kuhn (HSG-IMIT, Hahn-Schickard-Gesellschaft – Institute for Micro- and Information Technology, Germany)

P 33  Increasing Resilience to Crisis and Disasters: Crisis Management in Critical Infrastructures like Public Transport Operations
Matthias Mueth (Hamburg-Consult, Germany)

P 34  Energy Supply Interruption as a Factor of Energy Security
Valery Lesnykh (High School of Economics, Russia), et al.
This conference series is hosted by the Fraunhofer Group for Defense and Security VVS.

**Member institutes are the Fraunhofer Institutes for**

- High-Speed Dynamics, Ernst-Mach-Institut, EMI
- Applied Solid State Physics IAF
- Chemical Technology ICT
- Technological Trend Analysis INT
- High Frequency Physics and Radar Techniques FHR
- Communication, Information Processing and Ergonomics FKIE
- Optronics, System Technologies and Image Exploitation IOSB
- Integrated Circuits IIS (Guest member)
- Telecommunications, Heinrich-Hertz-Institut, HHI (Guest member)
- Systems and Innovation Research ISI (Guest member)
CHAIRMAN OF THE GROUP
Prof. Dr. rer. nat. Klaus Thoma
Fraunhofer Institute for High-Speed Dynamics, Ernst-Mach-Institut, EMI
Eckerstraße 4
79104 Freiburg, Germany
Phone +49 761 2714-351
klaus.thoma@emi.fraunhofer.de

DEPUTY CHAIRMAN OF THE GROUP
Prof. Dr.-Ing. Jürgen Beyrer
Fraunhofer Institute for Optronics, System Technologies and Image Exploitation IOSB
Fraunhoferstraße 1
76131 Karlsruhe, Germany
Phone +49 721 6091-210
juergen.beyrer@iosb.fraunhofer.de

CENTRAL OFFICE
Daniel Hiller
Fraunhofer Institute for High-Speed Dynamics, Ernst-Mach-Institut, EMI
Eckerstraße 4
79104 Freiburg, Germany
Phone +49 761 2714-488
daniel.hiller@emi.fraunhofer.de
Permanent Representation of North Rhine-Westphalia to the Federal Republic of Germany
Hiroshimastrasse 12-16
10785 Berlin-Tiergarten, Germany
Phone +49 30 27575-0

Bus routes nearby:
- Bus stop “Tiergartenstraße”:
  Bus 200
- Bus stop “Hiroshimasteg”:
  Bus M29, N29
- Bus stop “Nordische Botschaften/Adenauer-Stiftung”:
  Bus 100, 187, 106, N26
GENERAL INFORMATION

REGISTRATION AND OPENING HOURS

The registration desk is open and entry to the conference venue is possible during the following times:

Tuesday, September 16, 2014: 9:00 – 21:00
Wednesday, September 17, 2014: 8:00 – 17:30
Thursday, September 18, 2014: 8:00 – 15:00

CONFERENCE FEES

Regular 700,00 €
Speaker* 550,00 €
Students (Copy of Student ID required) 200,00 €
Ministries 200,00 €

These fees include coffee breaks and lunch buffets, the welcome reception on September 16, 2014 and the conference dinner on September 17, 2014.

*This discount will not be available before the first week of May 2014, after the announcement of the abstracts selected for the conference.

CONFERENCE PROCEEDINGS

The conference proceedings will be printed and published by Fraunhofer Verlag under ISBN XXX-X-XXXX-XXXX-X.
ORGANIZATION

Conference Chairman
Prof. Dr. rer. nat. Klaus Thoma
Fraunhofer EMI

Program Chairs
Dr. Tobias Leismann
Dr. Ivo Häring
Fraunhofer EMI

Program Management
Dr. Stephanie Günther
Fraunhofer EMI
Phone +49 761 2714-490
stephanie.guenther@emi.fraunhofer.de

Conference Management
Birgit Bindnagel
Fraunhofer EMI
Phone +49 761 2714-366
birgit.bindnagel@emi.fraunhofer.de

PHOTOS
MEV Verlag GmbH
© Vertretung des Landes Nordrhein-Westfalen beim Bund, Berlin
© SDTB/Foto: Abteilung Öffentlichkeitsarbeit
© SDTB/ Foto: S. Krick
This conference series is hosted by the Fraunhofer Group for Defense and Security VVS under the patronage of the German Federal Ministry of Education and Research (BMBF) and the German Federal Ministry of Defence (BMVg).