

Fraunhofer Conference

Program

FUTURE SECURITY

4th Security Research Conference Karlsruhe



September 29th – October 1st 2009
Congress Center Karlsruhe, Germany



Fraunhofer
vvs

FUTURE SECURITY

Fraunhofer Conference

4th Security Research Conference Karlsruhe



*Stand-off detection
as a means of preventing attacks*

Conference Scope and Aims

The objective of this research conference is to exchange information and stimulate cooperation in security research and development. An equally important aim is the identification of industrial needs for the commercial implementation of RTD results.

Methods and technologies to ensure and increase the security of citizens from threats such as crime, acts of terrorism, natural disasters and industrial accidents, while respecting fundamental human rights, are the specific focus of our conference.

Participants in research and development projects on a European or national level in the field of security will give lectures and present posters at the conference. Our conference is under the patronage of the Federal Ministry of Education and Research (BMBF).

The conference presents the position of key organisations and demonstrates the potential of security technologies and preventative research on an international level.



Bundesministerium
für Bildung
und Forschung

PROGRAM COMMITTEE

- Prof. Dr. Oliver Ambacher,
Fraunhofer IAF
- Prof. Dr. Achim Bachem,
Forschungszentrum Jülich GmbH
- Bernd Bechtold, b.i.g. bechtold
Ingenieurgesellschaft mbh
- Prof. Dr. Bernd Becker,
Fakultät für Angewandte
Wissenschaften, Albert Ludwigs
Universität Freiburg
- Prof. Dr.-Ing. Jürgen Beyerer,
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Report Verlag GmbH
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- OTL i.G. Armin Dirks,
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- Prof. Dr.-Ing. Peter Elsner,
Fraunhofer ICT
- Prof. Dr. Joachim Ender,
FGAN FHR
- Dr. Jürgen Geisler,
Fraunhofer IITB
- Dr. Herve Graindorge,
SNPE Materiaux Energetiques/CRB
- Dr. Ehrentraud Graw,
Wirtschaftsministerium
Baden-Württemberg
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Fraunhofer IIS
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Division Science, Research and
Development
- Paul Korting, TNO Defence
- MinRat Rainer Krug, Bundesmi-
nisterium der Verteidigung BMVg
- Monika Lieberam,
Bundesanstalt Technisches
Hilfswerk (THW)
- Dr. Stefan Mengel, Bundes-
ministerium für Bildung und
Forschung BMBF
- Christa Menke-Südecke,
Deutsche Bank AG
- Dr. Markku Mesilaakso,
Defense Command, Finland
- Prof. Dr. Bernd Michel,
Fraunhofer IZM
- Kay Nehm,
Generalbundesanwalt i.R.
- Dr. Henric Östmark, FOI Swedish
Defence Research Agency
- Franz-Josef Schneiders,
Bundesministerium für Verkehr,
Bau und Stadtentwicklung
- Dr. Joachim Schulze,
Fraunhofer INT
- Dr. Alois J. Sieber,
European Commission,
Joint Research Centre
- Francoise Simonet,
CEA Commissariat à l'énergie
atomique
- Prof. Dr. Jürgen Stock,
Bundeskriminalamt BKA
- Christoph Stroschein,
GESA German European Security
Association e.V.
- Prof. Dr. Maurus Tacke,
Forschungsinstitut für Optronik
- Prof. Dr. Klaus Thoma,
Fraunhofer EMI
- Dr.-Ing. Stefan Tröster,
Fraunhofer ICT
- Markus Ullmann, Bundesamt
für Sicherheit in der Informa-
tionstechnik (BSI)
- Dr. Albert van der Steen,
TNO Defence
- Dr. Karin Wey,
VDI Technologiezentrum GmbH,
PT und NKS Sicherheitsforschung
- Dr. Uwe Wiemken,
Fraunhofer INT

GENERAL INFORMATION

Registration

Please return the enclosed registration form or register online:
www.future-security.eu

Conference fee: 895 euros, (incl. 19 % VAT). This fee includes conference proceedings, coffee breaks and lunch buffets, and a get-together on the evening of September 30th, 2009.

Payment: On receipt of the invoice, either by credit card or by bank transfer to the given account.

Cancellation Policy

Cancellations after September 11th, 2009 will be charged a cancellation fee. If the registrant fails to attend and no cancellation is received the full conference fee will be payable.

Venue

Congress Center Karlsruhe (KMK), Stadthalle, Am Festplatz, 76137 Karlsruhe, Germany

Conference Office/Check In

Located in the foyer of the Stadthalle; open from Tuesday September 29th, 16:00 until Thursday October 1st, 2009, 17:00.

Phone +49 721 3720-5780
or +49 721 3720-5781
Fax +49 721 3720-5950

Preliminary Check In

In the Conference Office on September 29th between 16:00 and 20:00.

Conference Language

English

Proceedings

One copy is included in the registration fee.

Room Reservation

HORE Hotel Reservation,
Weingartener Str. 70,
76229 Karlsruhe, Germany
Phone +49 (0)721 48 23 56
Fax +49 (0)721 48 26 14
HoreHotelReservation@t-online.de

Exhibition

Small stands or presentation areas will be available in the foyer of the Stadthalle, allowing research institutions to exhibit during the convention.

Evening Event

September 30th, 19:00: get-together in the Concert Hall (included in the conference fee).

Online reservations can be made at:

www.hore-hotel-reservation.de/Future_Security.html

CONFERENCE HOSTS

Fraunhofer Defense and Security Alliance

Fraunhofer-Verbund Verteidigungs- und Sicherheitsforschung

with the following Institutes:

Fraunhofer Institute for
High-Speed Dynamics,
Ernst-Mach-Institut EMI
Fraunhofer-Institut für
Kurzzeitdynamik EMI,
Freiburg

Fraunhofer Institute for
Technological Trend Analysis INT
Fraunhofer-Institut für
Naturwissenschaftlich-
Technische Trendanalysen INT,
Euskirchen

Fraunhofer Institute for
Applied Solid-State Physics IAF
Fraunhofer-Institut für
Angewandte Festkörper-
physik IAF,
Freiburg

Fraunhofer Institute for
Integrated Circuits IIS
Fraunhofer-Institut für
Integrierte Schaltungen IIS,
Erlangen

Fraunhofer Institute for
Chemical Technology ICT
Fraunhofer-Institut für
Chemische Technologie ICT,
Pfinztal

Fraunhofer Institute for
Information and Data
Processing IITB
Fraunhofer-Institut für
Informations- und Daten-
verarbeitung IITB,
Karlsruhe

ORGANISATION AND CONTACT ADDRESS

Fraunhofer Institute for
Chemical Technology ICT

Fraunhofer-Institut für Chemische Technologie ICT

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PROGRAM

TUESDAY
29TH SEPTEMBER 2009

16:00 – 20:00

Preliminary Check-In

WEDNESDAY
30TH SEPTEMBER 2009

8:00 – 8:45

Press Conference (in German)

The press conference is restricted to registered members of the press.
Participants: W. D. Lukas, R. Krug, K. Thoma, J. Beyerer, O. Ambacher, M. Tacke, H. Krause

9:00

Welcome and Opening of the FuSec2009

P. Elsner, Chairman of the Conference, Fraunhofer ICT, Pfinztal, D

9:10

Security Research in Germany

W. D. Lukas, Director General, Federal Ministry for Education and Research BMBF, D; R. Krug, Head of Division Rü IV 2, Federal Ministry of Defence, D

9:20

SESSION 1 (PART 1)

Security of Infrastructures and Utilities

M. Tacke, FGAN-FOM, Ettlingen, D

9:30

L1

Optimising Rescue Operations in Subways: the OrGaMIR Project

R. Koch, M. Plaß, Universität Paderborn, D

9:50

L2

Evaluating the Impact of Security Measures on Processes of Airports

N. Henrique, T. Hecker, H. Pansch, ECAD GmbH, Darmstadt, D

10:10 L3	Improving the Security of Passengers on Ferries and New Methods for Safety and Security Training – Research Project VESPER K. Benedict, C. Felsenstein, Hochschule Wismar (HSW), University of Technology, Business and Design Department of Maritime Studies Warnemünde, Rostock, D; F. Motz, FGAN-FKIE, Wachtberg, D; M. Baldauf, World Maritime University Malmö, Malmö, SE
10:30 – 11:10	Coffee Break
	Demonstration: Safety and Security Trainer (SST) – Development of Simulator by RDE and HSW C. Felsenstein, Hochschule Wismar (HSW), University of Technology, Business and Design Department of Maritime Studies Warnemünde in co-operation with Rheinmetall Defence Electronics (RDE), D
	SESSION 1 (PART 2) Security of Infrastructures and Utilities C. Schlick, FGAN-FKIE, Wachtberg, D
11:10 L4	Protection of European Road Transport Networks G. Mayer, PTV AG, Stuttgart, D; I. Kaundinya , BASt, Bergisch Gladbach, D
11:30 L5	Explosion Resistance of Key Elements in Transport Infrastructure W. Riedel, A. Stolz, K. Fischer, C. Mayrhofer, Fraunhofer EMI, Freiburg, D
11:50 L6	Awareness of Multiple Threats and the Burden of Departmental Thinking N. Gebbeken, M. Teich, Universität der Bundeswehr München, Neubiberg, D

PROGRAM

WEDNESDAY
30TH SEPTEMBER 2009

- 12:10 **Behaviour Software Supported Solutions for Airport and Border Security**
L7 S. Goldner, P. Rech, EADS Deutschland GmbH, Friedrichshafen, D
- 12:30 **Soft Structures for High Performance Blast Protection**
L8 M. Wagner, Ibdrm GmbH, München, D
- 12:50 – 14:10 **Lunch**
- SESSION 2**
Security and Protection of Citizens
J. Ender, FGAN-FHR, Wachtberg, D
- 14:10 **Terror Event Database and Analysis Software**
L9 U. Siebold, J. Ziehm, I. Häring, Fraunhofer EMF, Freiburg, D
- 14:30 **Security and Privacy Challenges in Modern Surveillance Systems**
L10 H. Vagts, J. Beyerer, Fraunhofer IITB, Karlsruhe, D; Institut für Technische Informatik, Karlsruhe, D
- 14:50 **Advanced Millimeter-Wave Radar Modules for Helicopter Landing Aid**
L11 M. Schlechtweg, A. Leuther, A. Tessmann, A. Huelsmann, O. Ambacher, Fraunhofer IAF, Freiburg, D; M. Haegelen, G. Briese, H. Essen, FGAN-FHR, Wachtberg, D

15:10 L12	Assessing Risks and Reducing Vulnerabilities of Hazardous Materials G. P.Collyer, Centre for the Protection of the National Infrastructure (CPNI), London, UK
15:30 – 17:00	Poster Session
	Coffee Break
	SESSION 3
	Security of International Trading and Supply Chains
	J. Beyerer, Fraunhofer IITB, Karlsruhe, D
17:00 L13	Supply Chain Safety Management: An Integrated Approach for Risk and Security in Logistics Networks M. Eßig, E.-M. Kern, S. Tandler, Universität der Bundeswehr München, Neubiberg, D
17:20 L14	Enhancing Security and Predictability in Intermodal Container Supply Chains F. Arendt, N. Meyer-Larsen, ISL Institute of Shipping Economics and Logistics, Bremerhaven, D
17:40 L15	French Atomic Energy Commission (CEA): A Scientific and Technological Institute engaged in Security Research F. Simonet, L. Olmedo, CEA, Arpajon, F; D. Serafin, Centre d'Etudes de Gramat, F
19:00	Get-together Concert Hall

PROGRAM

THURSDAY
1ST OCTOBER 2009

SESSION 4 (PART 1)

Sensor Systems for Threats of CBRNE O. Ambacher, Fraunhofer IAF, Freiburg, D

- 8:30 **Optical Stand-off Detection of Explosives and Improvised Explosive Devices – OFDEX**
L16 F. Schnürer, H. Krause,
 Fraunhofer ICT, Pfinztal, D;
 F. Fuchs, J. Wagner,
 Fraunhofer IAF, Freiburg, D;
 P. Jander, R. Noll,
 Fraunhofer ILT, Aachen, D;
 J. Hildenbrand, A. Lambrecht,
 Fraunhofer IPM, Freiburg, D
- 8:50 **Stand-off Detection of Explosives by Using Mid-Infrared Quantum Cascade Lasers**
L17 F. Fuchs, J. Kaster, B. Hinkov, Q. K. Yang,
 W. Bronner, K. Köhler, J. Wagner,
 Fraunhofer IAF, Freiburg, D
- 9:10 **Remote Detection of Liquid Surface Contamination by Imaging Infrared Spectroscopy**
L18 R. Harig, TU Hamburg-Harburg, D
- 9:30 **Covert Search and Detection of Illicit Nuclear as well as Radioactive Material**
L19 W. Rosenstock, W. Berky, S. Chmel,
 H. Friedrich, T. Köble, M. Risse,
 Fraunhofer INT, Euskirchen, D

9:50 L20	EXAKT – Joint BMBF Research Project: Near Real-Time Trace Analysis of Airborne Chemical Warfare Agents and Explosives G. Bunte, J. Hürttlen, Fraunhofer ICT, Pfinztal, D; J. Ringer, F. Rietz, Wehrwissenschaftliches Institut für Schutztechnologien, ABC-Schutz, Münster, D; P. Boeker, Universität Bonn, IfL-Abt.Sensorik, D; T. Etterer, SECURETEC Detektionssysteme, Brunnthal, D; G. Horner, five technologies, München, D
10:10 – 10:40	Coffee Break
	SESSION 4 (PART 2) Sensor Systems for Threats of CBRNE H. Krause, Fraunhofer ICT, Pfinztal, D
10:40 L21	Detection of Explosives and Identifying the Needs of Security Persons R. Schulte-Ladbeck, BKA Wiesbaden, D
11:00 L22	CBRNE Counterterrorism System- of-Systems Approach M.S. Nieuwenhuizen, TNO, NL
11:20 L23	Real-Time Detection of Explosives Issue in Mass Transit: The Solution Proposed by NATO/STANDEX Program P. Charrue, CEA, Monts, F; F. Carvalho-Rodrigues, NATO HQ, Science for Peace and Security, Brussels, B; A. Rimski-Korsakov, Khlopin Radium Institute, St. Petersburg, RUS
11:40 L24	Stand-off Explosives and Weapons Detection Techniques M.C. Kemp, Iconal Technology Ltd., Cambridge, UK

PROGRAM

THURSDAY
1ST OCTOBER 2009

- 12:00 **Rapid Detection of Haemorrhagic Viruses in Immunofiltration Columns**
L25 P. Miethe, M. Pietraszczyk,
 Forschungszentrum für Medizintechnik und Biotechnologie mbH, Bad Langensalza, D;
 S. Becker, V. Krähling, Institute of Virology Philipps University, Marburg, D
- 12:20 – 13:30 **Lunch**
- SESSION 5
Introduction to the Panel Discussion
U. Wiemken, Fraunhofer INT, Euskirchen, D
- 13:30 **Process-Based Identification and Pricing of Risks – Methodological Foundations and Applications to Infrastructure Security Planning and Management**
L26 E. Petzel, Institut für Risiko- und Prozessmanagement GmbH, Baiersdorf, D;
 G. Geiger, Technische Universität München, München, D
- 13:50 **Experimental Security for Critical Infrastructure Protection – Planning a European Reference Network**
L27 M. Masera, J.-P. Nordvik, Institute for Protection and Security of the Citizen, Ispra, I
- 14:10 **Scenarios as an Instrument to Detect Evolving Technological Security Threats. A Conceptual Report on First Results of the EU-funded Project “FESTOS”**
L28 R. Peperhove, Center for Technology and Society (CTS), Technical University of Berlin, D

14:30 L29	Disruptive Technology, Information Exchange and Assessment through Gaming M. Rademaker, The Hague Centre for Strategic Studies, The Hague, NL
14:50 – 15:20	Coffee Break
15:20 L30	Future Planning of EU Security Research – a Contribution to the Discussion H.-M. Pastuszka, M. Missoweit, Fraunhofer INT, Euskirchen, D
15:40 – 16:40	Panel Discussion: Science-Society Dialogue on Security K. Thoma, Fraunhofer VVS, Freiburg, D.; European Research Organisations on Defense
16:40	Closing Remarks

POSTERS

Posters will be presented in the foyer. A special poster session will take place on Wednesday, September 30th, 15:30 – 17:00.

P31

Defense Against Bioterrorism with Antimicrobial Surfaces

H. Schmid, Fraunhofer ICT, Pfingstal, D

P32

Scenario and Damage Analysis for Terroristic Attacks on a German Airport

J. Ziehm, C. Mayrhofer, I. Häring,
Fraunhofer EMI, Efringen-Kirchen, D

P33

Application of Active Radar Sensorics for Security Screening

S. Bertl, C. Hornsteiner, J. Detlefsen,
Technische Universität München, D

P34

High Energy X-Ray CT of Freight Containers

F. Sukowski, P.-M. Keßling, T. Fuchs,
Fraunhofer EZRT, Fürth, D

P35

Secure Text Messaging in Tactical Environments

J. Tölle, P. Steinmetz, T. Ginzler,
FGAN, Wachtberg, D

P36

Direct Bio (Living Being) Sensors-to-Processing Unit Interface

R. Sklyar, Independent Researcher, Lviv, UKR

P37

Assessment of Potentially Disruptive Technologies for Defense and Security

U. Neupert, S. Römer, U. Wiemken, S. Römer,
Fraunhofer INT, Euskirchen, D;
J. G. M. Rademaker, TNO/The Hague Centre
for Strategic Studies, NL

- P38** **The NATO Common Shield – DAT#7 Experiment – Defence Against Terrorism – Results of a Radiometric Imager Used for Personnel Inspection**
M. Peichl, S. Dill, M. Jirousek, H. Süß,
DLR, Wessling, D
- P39** **Decision Support to Facilitate Cost-Optimal Response in Time- and Safety-Critical Situations**
A. Bauer, J. Hild, Fraunhofer IITB,
Karlsruhe, D; J. Ott, Institut für Stochastik,
Universität Karlsruhe, D
- P40** **Object Oriented World Model for Surveillance Systems**
A. Bauer, T. Emter, H. Vagts, J. Beyerer,
Fraunhofer IITB, Karlsruhe, D; Institut für
Technische Informatik, Karlsruhe, D
- P41** **Early Warning Systems Based on Geospatial Standards**
G. Bonn, D. Hilbring, Fraunhofer IITB,
Karlsruhe, D
- P42** **Co-operating Miniature UAVs for Surveillance and Reconnaissance**
A. Bürkle, S. Leuchter, Fraunhofer IITB,
Karlsruhe, D
- P43** **On-line Monitoring of Drinking Water Based on a Biological Broad-Spectrum Sensor with Automatic Image Evaluation ("AquaBioTox")**
F. Sedehizade,
Berliner Wasserbetriebe, Berlin, D;
I. Trick, Fraunhofer IGB, Stuttgart, D;
H.-B. Kuntze, Fraunhofer IITB, Karlsruhe, D;
C. Moldaenke, bbe Moldaenke, Kiel, D

POSTERS

P44

Privacy Enforcement in Surveillance Systems

H. Vagts, T. Emter, A. Bauer, J. Beyerer,
Fraunhofer IITB, Karlsruhe, D; Institut für
Technische Informatik, Karlsruhe, D

P45

Testing of Semiconductor Sensor Ozone Analyzer During Expedition on Mobile Railway Observatory "TROIKA-12"

I. B. Belikov, R.A. Shumsky, N.F. Elansky,
Obukhov Institute of Atmospheric Physics
RAS, Moscow, RUS; K.V. Zhernikov,
L.A. Obvintseva, Karpov Institute of
Physical Chemistry, Moscow, RUS

P46

Model-Driven Development of Secure and Safe Supply-Chains

A. D. Brucker, A. Schaad, C. Wolter,
SAP Research, Karlsruhe, D

P47

High Power Microwave Susceptibility of IT Network Components

C. Adami, C. Braun, P. Clemens, H.-U. Schmidt,
M. Suhrke, H.-J. Taenzer, U. Weber,
Fraunhofer INT, Euskirchen, D

P48

Bidirectional See-Through Displays for Enhanced Interaction in Surveillance Systems

A. Laubenheimer, S. Voth, Fraunhofer IITB,
Karlsruhe, D;
P. Schreiber, Fraunhofer IOF, Jena, D;
M. Zöllner, Fraunhofer IGD, Stuttgart, D;
U. Vogel, Fraunhofer IPMS, Dresden, D

P49

Defence Technologies Forecast

M. Grüne, J. Kohlhoff, Fraunhofer INT,
Euskirchen, D

P50

**Advanced Hand-Held Detection System
for On-Site Localization and Identification
of Nuclear and Radioactive Material**

W. Berky, S. Chmel, J. Engelen-Peter,
H. Friedrich, T. Köble, M. Risse, W. Rosen-
stock, U. Weber, Fraunhofer INT, Euskirchen, D

P51

**Concept for an Entry Control Facility
(ECF) Featuring Hazardous Substances
Detection Capabilities as an Element for
Military Camp Protection**

P. Kaul, C. Becher, S. Maurer, J. Warmer,
University of Applied Sciences, Bonn-Rhein-
Sieg, D; F. P. Lorenz, K. Safenreiter,
M. Wieneke, FGAN-FKIE, Wachtberg, D

P52

**Visualisation of Radioactive Materials
and Backscatter Radiography with a
Novel Collimation Based Camera System**

K. Osterloh, U. Zscherpel, U. Ewert,
BAM, Berlin, D

P53

**The Floating Code, a New Era in
E-Security**

G. Matias Clavero, M. Delgado Solis,
Y. Tkach, S. Garcia Ramos, V. K. Fraile,
EDAS SC, Madrid, E

P54

**Optically Powered Video Surveillance
Networks**

C. Klamouris, M. Dreschmann, M. Röger,
G. Böttger, M. Hübner, K. Karagkiozoglou,
J. Becker, W. Freude, J. Leuthold,
Universität Karlsruhe, D;
A.W. Bett, Fraunhofer ISE, Freiburg, D

POSTERS

P55

Holographic Microwave System for Homeland Security and Personal Safety

R. Pinchuk, a. Bevetskiy, A. Bulavinov,
C. Sklarczyk, Fraunhofer IZFP, Saarbrücken, D

P56

Technical and Political Challenges to Soft-Kill Application in Urban Theaters

E.-C. Koch, NATO MSIAC, Bruxelles, B

P57

Gallium Nitride MMICs for Future Reconnaissance and Imaging Applications

R. Quay, M. Mikulla, M. Schlechtweg,
O. Ambacher, Fraunhofer IAF, Freiburg, D

P58

Development of Spectral Flares to Protect Transport Vehicles from Terrorist Missile Attack

V. Weiser, E. Roth, A. Blanc, L. Deimling,
Fraunhofer ICT, Pfinztal, D

P59

Selective Adsorbents in Protective Applications – Prospective Protective Clothing

T. Täffner, B. Niemeyer,
Helmut-Schmidt-University, Hamburg, D

P60

Joint Project: Semipermeable Protection Overgarments for Emergency Forces (SAFE)

T. Täffner, J. Kubasch, B. Niemeyer,
Helmut-Schmidt-University, Hamburg, D

P61

Determining the Likely Balance of Fragment Velocity and Blast Impulse from Explosions

M. Hutchinson, AWE Aldermaston, UK

P62

Detection of Biological Threats with Robust Lab-on-a-Chip Systems

D. Mark, M. Focke, G. Roth, R. Zengerle,
F. von Stetten, HSG-IMIT,Villingen-Schwenningen, D; IMTEC,Freiburg, D

P63

Recognition and Identification of Chemical Threats: What do we need?

N. Wrobel, K. Osterloh, U. Zscherpel,
U. Ewert, BAM, Berlin, D

P64

The BIGRUDI Project: Development of Rapid and Mobile BT Diagnostics

H. Ellerbrok, Robert-Koch-Institut, Berlin, D

P65

Development of an Integrated and Comprehensive Security Management Concept for Airports

N. Henrique, T. Hecker, H. Pansch,
ECAD GmbH, Darmstadt, D

P66

NATO CNAD PoW Defence Against Terrorism: Experimental Results and Lessons Learned from COMMON SHIELD 08

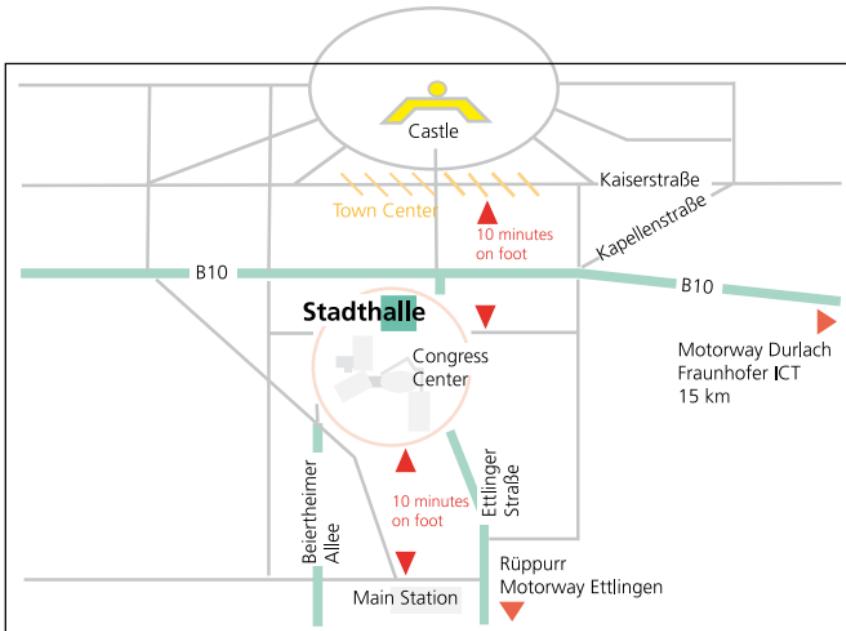
F. P. Lorenz, K. Safenreiter, M. Varela,
M. Wieneke, FGAN-FKIE e.V., Wachtberg, D;
P. Kaul, S. Maurer, J. Warmer, Hochschule
Bonn-Rhein-Sieg, D

P67

The Simulation of THz Standoff Identification in a Real Environment

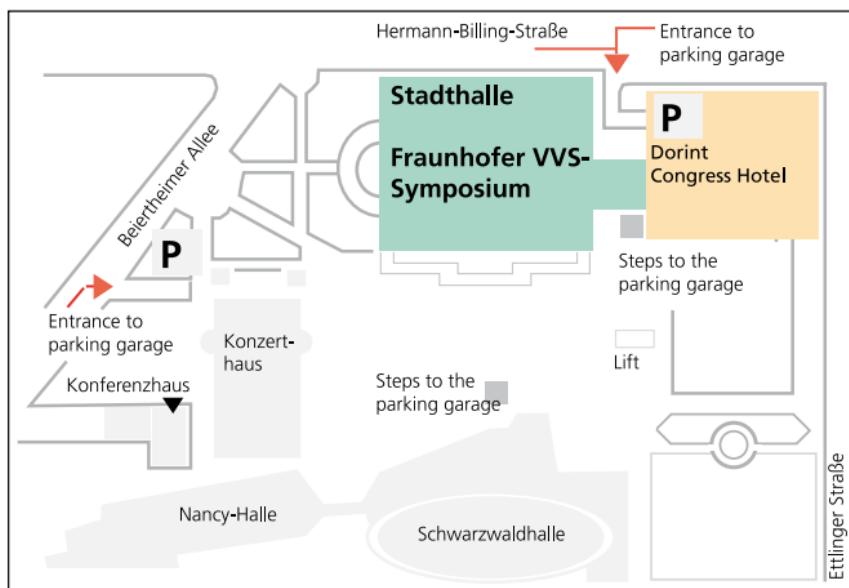
M. Herrmann, S. Wohnsiedler, C. Wiegand,
J. Jonascheit, R. Beigang, Fraunhofer IPM,
Kaiserslautern, D

LOCATION



Karlsruhe is situated 120 km south of Frankfurt am Main airport and can be reached directly via the A5 motorway. You can also travel to Karlsruhe by train on the Intercity Express (ICE). The following airports are also in the region:

- Baden Airport Karlsruhe (approx. 40 km)
- Stuttgart Airport (approx. 80 km)
- Straßburg Airport / France (approx. 100 km)



Within Karlsruhe:

By tram

- | | |
|-------------------------------|----------------------|
| - Main Station (Hauptbahnhof) | Linie S1, S4, S11, 2 |
| - Town Center | S1, S4, S11, 2 |
| - Durlacher Tor | S4, 2 |

By car

Follow signs to the »Kongresszentrum« (Congress Center).

**HORE Hotel Reservation
Weingartener Str. 70**

76229 Karlsruhe, Germany

Accommodation

Future Security September 29th – October 1st, 2009, Karlsruhe 4th Security Research Conference

Arrival	Departure	Arrival time
Number of rooms	SGL (single room)	DBL (double room)
Preferred hotel	SGL	DBL
Distance		
Company	A**** Novotel	SGL 144,00 EUR
	B**** Renaissance	SGL 148,00 EUR
Street	C**** Schlosshotel	SGL 116,00 EUR
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From 30th September to 2nd October 2009, the 2nd SafeKon, the specialist trade fair for access control, building security and information safety, is to take place at Congress Center Karlsruhe.

This specialist trade fair provides exhibitors with the opportunity to present their solutions to trade visitors on an individual basis. Visitors will be able to look out for best-practice examples and enter into direct contact with exhibitors.

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