

## ANNEX

# Terms of Reference of RISEPTIS, Members of RISEPTIS and their short CVs

## Advisory Board on "Research and Innovation for SEcurity, Privacy and Trustworthiness in the Information Society" – RISEPTIS

### 1. Terms of Reference (ToR) of RISEPTIS

#### Context

It is essential for Europe to develop a coherent response to the challenges ahead and quicken the pace of R&D and innovation in the security of ICT-based systems, networks and services, including strongly intertwined areas of dependability, digital identity, privacy protection and trust. This response requires a coordinated R&D effort, including technology as well as economic, sociological and psychological disciplines, addressing user interactions and trust, law and regulation and the economics of security.

The Think-Trust project ([www.think-trust.eu](http://www.think-trust.eu)) is being funded by the EU's 7<sup>th</sup> Research Framework Programme (FP7), ICT Theme, within the DG INFSO Unit F5 "Security". The project includes the support of an Advisory Board.

#### Mission of RISEPTIS

RISEPTIS is a high-level advisory body in ICT research on security and trust aiming at providing visionary guidance on policy and research challenges in the field of security and trust in the Information Society. It will do so by formulating recommendations on:

- **Policy environment** – The development of coherent legal and administrative frameworks, operational environments, and human behaviour relating to security, privacy and confidence, in view of the technological changes leading to and arising from the future Information Society,
- **Research Agenda** – Future European research and development that can facilitate the creation of an Information Society that will be secure, whilst respecting freedom and privacy of its citizens, with due attention given to the ICT infrastructures, networks, services and applications.

#### Structure and Implementation

RISEPTIS will be composed of leading key scientific, industrial and policy actors from a spectrum of relevant research disciplines and interests, together with representatives of ICT users. RISEPTIS will be supported in its mission by expert Working Groups (WGs) that will be defined under its guidance with the aim to provide or expand on specific areas of expertise, as needed.

The Think-Trust Coordination Action will support the operations of RISEPTIS.

Membership of RISEPTIS and its WGs is on a personal basis. Further details on the motivations, context and membership profiles of the Trust AB can be found to the website [www.think-trust.eu](http://www.think-trust.eu) .

Further information on the activities of the ICT programme on Trust and Security are available on: [http://cordis.europa.eu/fp7/ict/security/home\\_en.html](http://cordis.europa.eu/fp7/ict/security/home_en.html)

## 2. List of members of RISEPTIS

The members given below have accepted membership; a few additional members may be added later

<b>RISEPTIS members</b>
George Metakides, University of Patras (Chair)
Bart Preneel, Katholieke Universiteit Leuven
Kai Rannenberg, Goethe University Frankfurt
Giovanni Barontini, Finmeccanica
Sachar Paulus, SAP
Willem Jonker, Philips
Jacques Seneca, EuroSmart - Gemalto
Reinhard Posch, Institute for Applied Information Processing and Communications, Graz
William Dutton, Oxford Internet Institute, University of Oxford
Carlos Jimenez, Secuware and Chair of e-Sec national Spanish platform
Kim Cameron, Microsoft
Mika Lauhde, Nokia
Dario Avallone, Engineering
Laila Gide, Thales
Ferenc Suba, CERT Hungary
Anja Feldmann, Deutsche Telekom Laboratories and Technische Universitaet Berlin
Willie Donnelly (from Think Trust Coordination Action)
Neeraj Suri (from Think Trust)
Michel Riguidel (from Think Trust)
Sathya Rao (from Think Trust)
<b>Observers</b>
Peter Hustinx, European Data Protection Supervisor (Observer)
Stephan Lechner, EC – JRC-ISPRA-IPSC (observer)
<b>Ex-Officio</b>
Zeta Dooly, Waterford Institute of Technology (Think-Trust)
Jim Clarke, Waterford Institute of Technology (Think-Trust)
Keith Howker, Waterford Institute of Technology (Think-Trust)
Jacques Bus, European Commission
Thomas Skordas, European Commission

### 3. RISEPTIS Members short CV's/Profiles

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## George Metakides

Born in Thessaloniki, Greece in 1945, Professor Metakides received as a Fulbright scholar a Master of Science in Electrical Engineering and Doctor of Philosophy in Mathematical Logic from Cornell University in 1971. He pursued an academic career in the U.S.A. at MIT, Cornell University and Rochester University until 1978, when he returned to Greece to take the Chair of Logic at the University of Patras.

He has published numerous articles and books in the areas of Mathematical Logic, Computer Science and Science Policy and is a frequent invited speaker at major international conferences. He holds honorary doctorates from the University of Newcastle-upon-Tyne, the Technical University of Bucharest and the University of Thessaloniki and is an honorary professor of the University of Moscow. He is a foreign member of the Russian Academy of Natural Sciences and an honorary member of the Romanian Academy of Science. He has received the Medal of Honour of the Bulgarian Academy of Science, the Polish Information Society Recognition Award, for his efforts to build co-operation between IT professionals in the EU, the Nokia Award and the Telecom Europe Prize for his contribution to the development and dissemination of new information and communication technologies in Europe.

Since 1984 he has held senior positions with responsibility for R&D policy, funding and international co-operation in European institutions, including president of the Research Group of the European Council and member of the ESPRIT (European Strategic Programme of Research in Information Technology) Management Committee and of the NATO Science Committee at different times between 1984 and 1987. He established and headed the department for Basic Research and International Scientific Relations in Information Technologies at the European Commission from 1988 to 1993. He was the director of the 2 billion Euro ESPRIT Programme in the European Commission's Industry Directorate General from 1993 until its completion in 1998.

Until November 2002 he was director of Essential Technologies and Infrastructures in Europe's 4 billion Euro Information Society Technologies (IST) Programme (1998-2002), in the Information Society Directorate General which - besides funding and coordinating R&D in information and communication technologies in the European Union - also covers information society and telecommunications policy and regulation.

He is an active contributor to the promotion of co-operation between the European Union and other regions. He has instigated the establishment of research agreements between the EU and the USA (including the launch of the World Wide Web Consortium, W3C). In addition to collaborative activities with Japan, China, Russia and the countries of Latin America, he led a number of joint actions in Central & Eastern Europe as well as the Balkan and Mediterranean regions.

He is currently Professor at the University of Patras, President of the Scientific Board of the Computer Technologies Institute and Advisor to several governments.

## Bart Preneel

Bart Preneel received the Electrical Engineering degree and the Doctorate in Applied Sciences in 1987 and 1993 respectively, both from the Katholieke Universiteit Leuven (Belgium). He is currently full professor at the Katholieke Universiteit Leuven. He has been visiting professor at the Technical University of Denmark, T.U.Graz in Austria, University of Bergen in Norway, Ruhr-Universität in Bochum (Germany) and at the University of Ghent (1994-2002). He is a scientific advisor of Philips Research (the Netherlands). During the academic year 1993-1994, he was a research fellow of the EECS Department of the University of California at Berkeley. His main research interests are cryptology and applied information security.

Together with two colleagues, he is responsible for the research group COSIC, which has more than 50 members. He has authored and co-authored more than 200 scientific publications and is inventor of two patents. As a consultant, he has been involved in a large number of security studies a.o. for the financial and telecommunications sector and for the Belgian government. He has been one of the architects of the security infrastructure behind the electronic ID card and the new generation of e-voting schemes in Belgium. Since 1989, he is a Belgian expert in working group ISO/IEC JTC1/SC27/WG2 (Security Techniques and Mechanisms), where he has been editor of five international standards. He has also been involved in standardization initiatives in IEEE, ISO/TC68 (Banking), IETF, and EESSI (Electronic Signatures).

He is president of the IACR (International Association for Cryptologic Research) and a member of the Editorial Board of the Journal of Cryptology, the IEEE Transactions on Information Forensics and Security and the International Journal of Information and Computer Security. He has participated to 20 research projects sponsored by the European Commission, for four of these as project manager. Currently he is coordinating the European Network of Excellence on Cryptology (ECRYPT). He was program (co-)chairman of 10 international conferences, has been a member of more than 100 international program committees and has been invited speaker at more than 30 international conferences. He has lectured at 30 international Summer schools in 15 countries.

In 2003, he has received the European Information Security Award in the area of academic research, and he received an honorary Certified Information Security Manager (CISM) designation by the Information Systems Audit and Control Association (ISACA). He is president of L-SEC vzw. (Leuven Security Excellence Consortium), an association of 60 companies and research institutions in the area of e-security.

Further professional details are available at: <http://homes.esat.kuleuven.be/~preneel>

## Kai Rannenberg

Prof Dr. Kai Rannenberg ([www.m-chair.net](http://www.m-chair.net)) holds the T-Mobile Chair for Mobile Business and Multilateral Security at Goethe University Frankfurt since September 2002. Before he was with the System Security Group at Microsoft Research Cambridge, UK focussing on “Personal Security Devices and Privacy Technologies“, e.g. within the CamWebSIM project.

1993-1999 Kai worked at Freiburg University and coordinated the interdisciplinary “Kolleg Security in Communication Technology“, sponsored by Gottlieb Daimler and Karl Benz Foundation that worked on Multilateral Security, especially protection for users and subscribers. After a diploma in Informatics at TU Berlin he focused his PhD dissertation at Freiburg University on IT Security Evaluation Criteria and their potential and limits regarding the protection of users and subscribers.

Since 1991 Kai is active in the international (ISO/IEC) standardization of IT Security and Criteria (JTC 1/SC 27/WG 3 “Security evaluation criteria“). Since March 2007 he is serving as Convenor of the SC 27 Working Group 5 on “Identity management and privacy technologies“ after having led the SC 27 Study Periods on Privacy and Identity Management.

Since May 2007 Kai is the Chair of the IFIP TC 11 on “Security and Protection in Information Processing Systems“, after having been its Vice-Chair since 2001. Kai served as programme committee co-chair, organizer and referee for multiple conferences, e.g. IFIP Sec, Informatik 2003 and VIS (German GI conference on dependable systems).

Since April 2004 Kai is leading coordinator of the Network of Excellence (NoE) “Future of Identity in the Information Society“ (FIDIS) funded by the European Union comprising 24 European research organizations.

In July 2004 Kai was appointed as the academic expert in network and information security within the management board of the European Network and Information Security Agency, ENISA.

Kai's awards include the Alcatel SEL Foundation Dissertation Award and the Friedrich-August-von-Hayek-Preis of Freiburg University and Deutsche Bank as well as the IFIP Silver Core.

Kai's current research interests include

- Mobile applications and Multilateral Security in e.g. M-Business, M-Commerce, M-Banking, and Location Based Services;
- Privacy and identity management, communication infrastructures and devices, such as personal security assistants and services;
- IT security evaluation and certification.

Further professional details are available at:

<http://www.m-lehrstuhl.de/personal/personaldetails.php?pernr=8>

## Giovanni Barontini

From 2003 **Finmeccanica SpA**, CTO  
 VP, *International Research*  
 Responsibilities: to assure the direction and co-ordination of the Group's research activities in support of products' development, technological excellence and its continuous improvement, as well as the participation in the most important research programs.

2000 to **Telecom Italia SpA**, Corporate Development  
 Head of Corporate Development, Mediterranean Basin and Middle East.

- 2002 Responsibilities: implementation of growth initiatives in the telecommunications and Internet sector. Negotiated and structured acquisition transactions for Telecom Italia SpA and TIM SpA in several European, Asian and North African countries.
- 1995 **Tecnitel SpA** (holding company of the Manufacturing Sector, Telecom Italia Group) to VP, Planning and Control, in charge of strategic planning, budgeting and financial reporting.
- 1999 The Manufacturing Sector of Telecom Italia comprised industrial groups as **Italtel** and **Sirti**, with a total turnover of over US\$3.0 bn.  
Member of the Board of: Sirti SpA, Siemens Informatica SpA, Italdata SpA, Necsy SpA.
- 1992 **IRI SpA**, International Affairs Department to Assistant to the Director of International Affairs for Privatization Projects and Joint Ventures.
- 1994 Cooperated in the drafting of the *Bangemann Report* for the European Commission.  
  
Member of IRI's Privatization Unit.  
  
From 1976 to 1991, held managerial and technical responsibilities in Selenia SpA (Rome, Italy), United Technologies Corp./Norden Systems (Melville, NY, USA) and Elettronica SpA (Rome, Italy), IFAP SpA (Rome, Italy).

**Education:** **MBA, Finance major**, The American University, Washington DC, USA - 1984  
**Degree in Electronics Engineering**, University of Rome, Italy - 1976

## Sachar Paulus

Sachar was born in 1969 in Saarbrücken, Germany. He holds a computer science diploma from University of Saarland and a Ph. D. in number theory from Essen University. Currently, Sachar is CEO of paulus.consult, a small high-profile security management consulting company and honorary professor for security management at Brandenburg University of Applied Sciences where he runs the Competence Centre for Security.

From 2000 until 2008, Sachar was working with SAP, the world largest software manufacturer, in numerous positions responsible for security, covering responsibility for Security Product Management, Security Architecture, Secure Software Development, Corporate Security, and company-wide Product Security. As Chief Security Officer, he was SAP's focal point for all security matters and SAP's main spokesperson for security topics.

After working at Darmstadt University of Technology (1996 - 1998) as a researcher, he worked for two small companies in the IT-Security sector, producing Smart Card readers (KOBIL) and developing sales and marketing for crypto software (SECUDE).

Sachar is president of ISSECO (a non-for profit organization for promoting the standardization of secure software development education) and member of the Permanent Stakeholders Group of ENISA.

Sachar has numerous publications in the areas of cryptography, number theory, and computer science. He current interests are secure software development, security metrics and security qualification.

## Willem Jonker

**Philips Research, The Netherlands**

Willem Jonker (1962) studied mathematics and computer science at Groningen University. He then joined Delft University of Technology for his PhD research on knowledge-based systems. After

receiving his PhD from the University of Utrecht he joined KPN Research to work on knowledge based systems, database systems, and distributed systems.

In 1992 he joined the European Computer industry Research Centre in Munich (ECRC, a joint research laboratory of Bull, ICL and Siemens) to work on intelligent and federated database systems. Late 1994 he returned to KPN Research to become the head of the database group and to work on applications of database technology in telecommunication systems and services.

In 1999 he founded the new research department of KPN Research at the campus of Twente University. Till September 2001, he headed the department, focusing on IT infrastructures supporting multi-media content management services.

In September 2001 he joined Philips Research. He started in the PACMan (Processing and Architectures for Content Management) group at Philips Research to work on secure content management in networked environments and to coordinate the cluster activities in this field. In April 2004 he became the department head of the Information & System Security group. In October 2005 he became the sector head of the Digital Lifestyle Technology sector. Finally, he is a part-time full professor of computer science at Twente University.

Among his research interest are database systems, multi-media databases, distributed applications, content management, DRM, and security.

## Jacques Seneca

Jacques Seneca is Executive Vice-President, Security Business Unit.

Previously, he was in charge of Gemalto's European operations. Prior to these appointments, he served as head of the ID & Security Business Unit, as well as head of Business Development Unit. Jacques Seneca joined Gemplus in 1989 as Project Manager. He has held several management positions such as Products Department Manager, General Manager for Sales and Manufacturing Operations in Germany, General Manager for the Telecom Business Division, Executive Vice President for Gemplus Marketing & Technology and General Manager of Gemplus' GemVentures Services Unit. He was also a member of the Gemplus Executive Committee. Prior to joining Gemplus, he worked with STMicroelectronics where he held various positions in the fields of manufacturing, marketing and business development.

Jacques Seneca holds a Degree in Engineering from *Ecole Nationale Supérieure d'Arts et Métiers* (ENSAM— Paris, France) and a Business Administration degree from the *IAE of Aix-en-Provence* in France.

## Reinhard Posch

### EDUCATION

Dipl.-Ing. and Dr. techn. from Graz University of Technology

### CAREER

Since 2001, Reinhard Posch has been the Chief Information Officer (CIO) for the Government of Austria.

The role of the CIO for the federal government is primarily the strategic coordination of activities in the field of information and communications technology. As such the CIO heads the Austrian eGovernment platform "DIGITAL AUSTRIA". 2007 he became elected chairman of the management board of the European Network and Information Security Agency ENISA.

Educated at the Graz University of Technology, where he earned a diploma in engineering and a PhD, Reinhard was appointed as an assistant professor and later as full professor. He is head of the Institute for Applied Information Processing and Communications at the Graz University of

Technology. Since 1999, he has been scientific director of the Austrian Security Information Technology Centre (ASIT).

## William Dutton

Professor William H. Dutton is Director of the Oxford Internet Institute, Professor of Internet Studies, University of Oxford, and Fellow of Balliol College, Oxford. He was previously a Professor in the Annenberg School for Communication at the University of Southern California, which he joined in 1980, where he was elected President of the Faculty. In the UK, he was a Fulbright Scholar 1986-87, and was National Director of the UK's Programme on Information and Communication Technologies (PICT) from 1993 to 1996.

Among his recent publications on the social aspects of information and communication technologies are *Society on the Line* (Oxford University Press, 1999), *Digital Academe*, edited with Brian D. Loader (Routledge, 2003), and *Transforming Enterprise*, edited by Dutton, Brian Kahin, Ramon O'Callaghan and Andrew W. Wyckoff (MIT Press, 2005).

Prof. Dutton is also Co-Director of the [e-Horizons Institute](#), and Director and Principal Investigator of the [Oxford e-Social Science Project](#), a node within the UK's National Centre for E-Social Science.

## Carlos Jimenez

Carlos Jimenez is one of the ten most respected and relevant global experts on computer viruses and cyberterrorism.

A 42 year old. Telecommunications Engineer. He created the first antivirus 18 years ago.

Carlos Jimenez founded Anyware Computer Security SA in 1989, the first Spanish company of R+D+I for computer security. Its subsidiary of California (Anyware Software Corporation) designed the second most downloaded antivirus software on the Internet between 1995 and 1998. In 1998 McAfee (American multinational) bought Anyware for €11m, which it used to finance its second project.

In 1998, the CNI requested Carlos to develop security software for protecting computers of the Public Administration, specifically those belonging to the Ministry of Defence and Ministry of Interior. Secuware creates Crypt2000 encryption software, which currently protects information managed by Spanish Tax Office, several Spanish Ministries and main public and private corporations. As a frequent collaborator in mass media, Carlos has participated in several Spanish news programs (TVE, A3TV, Tele5, Channel +, TM) and news papers (El País, El Mundo, ABC), expressing his visionary opinion in key information security issues. He has also been invited as key note speaker in several Spanish Universities (Universidad Politécnica of Madrid, Universidad Politécnica of Valencia, Universidad Autónoma of Madrid) as well as foreign ones (París, Milán, UCLA and Berkeley). Carlos participates weekly in "Profesionales en Internet" ("Internet Professionals") Intereconomía Radio program.

- Vicepresident of Club of Friends of Information Society, which is presided by Crisanto Plaza, sharing his vision with CEOs and Presidents of the most important corporations of the country.
- Member of the Expert Commission of Ministry of Science and Technology, Carlos has participated in the 2004-2007 R+D+I Plan edition with the "Strategic Action on security and confidence on Information Systems" for the National plans of Electronics, Computer Science and Information Society.
- Adviser invited by the NATO to participate in the conference on Terrorism of the General Directors of Armament.

- President of eSec, the Spanish Platform for the Information Security and Confidence.

Other areas in which Carlos has made important contributions are: Human Genome decoding, improvement of software random number generators and digital right management, among others. In January 2006, Carlos received EOI Felix de la Sierra award for the young technology-based entrepreneur. Carlos has been chairman in Príncipe Felipe award in December 2006. Carlos Jimenez as the Innovator (number 1 of the magazine of the MIT in Spain), entrepreneur and engineer. His biography has been included in the book "The Generation of the Prince" and "The Spanish scientists."

## Kim Cameron

Short bio is not yet available.

## Mika Lauhde

### PROFESSIONAL REFERENCES

2008 -	Director, Security and Business continuity, Nokia Corporation Heading globally Nokia device and service security as well as security related regulatory work. Member of Finnish Government ICT Security Advisory Board
2004 - 2008	Director, Technology Management, Nokia Corporation Heading globally Nokia device security and related Regulator Affairs
2000 - 2004	Several different positions in Nokia Corporation in technology and marketing area  Fujitsu Computers LTD, Corporate PC's  NEXTROM Oy (former Nokia-Maillefer Oy) Head of Sales and R&D Member of management team  Technical Research Center of Finland (VTT) Senior Researcher,  Leuze electronic GmbH+Co, Owen/Teck, Germany

### EDUCATION

Tikkurilan senior high school, Finland	1983
Finnish army reserve officer school, Finland	1984
Espoon-Vantaa technical College, Finland	1989 B.Sc in graphical industry
Espoon-Vantaa technical College, Finland	1993 M.Sc in automation
Fachhochschule Osnabrück, Germany	1993 M.Sc in electronic

## Dario Avallone

Director of the R&D Department, Engineering Ingegneria Informatica, Italy

Born in 1962, he got his University Degree in Computer Science in April 1987. Since July 1987 he has been working in the R&D Laboratory of Engineering S.p.A where he held different positions. In particular, since 1995 he is responsible of the European Research Projects Unit of Engineering,

since December 1998, also in charge for the identification of new business opportunities at European level and, since December 2000 he has become Director of the R&D division with the mission to push innovation into business for the whole Group.

During his professional career Dario Avallone has been directly involved in different research initiatives supported by the National and European research Programme with both managerial and technical responsibilities since 1992. Moreover, since 1997, he has been contracted by the Commission different times to support proposals' evaluation, projects' reviews and for supporting the definition of research topics. Author of different publications and articles he is also co-author of the book "The Renaissance of Legacy Systems" published by Springer-Verlag.

## Laila Gide

Laila Gide is Vice-President European R&T/D programmes for THALES, a global electronics and systems group serving defence, aerospace and security markets worldwide. She holds an BSc in Electronic Engineering and joined THALES (THOMSON-CSF at that time) in 1976. She worked in the field of international cooperation programmes, including transfer of technology, licensing, and feasibility studies with partners from Europe, Asia, Middle East, Latin America countries. In 1991 she joined the Quality department, and held the position of Quality Director for the Naval Unit in France. Her current position, as from 2001, at Thales Corporate level, relates to funding European research programmes through various EU/EC framework programmes, EUREKA initiatives, as well as other multinational framework agreements.

## Ferenc Suba

Short bio is not yet available.

## Anja Feldmann

Anja Feldmann is a Professor at the Deutsche Telekom Laboratories (an Institute of the Technical University Berlin). Previously, she was a professor in the computer science department at the Technical University of Munich. Before that she was a professor in the computer science department at University of Saarbrücken in Germany. Before that, she was a member of the IP Network Measurement and Performance Department at AT&T Labs - Research.

Over the last years Prof. Feldmann has been involved in building and maintaining a measurement infrastructure for collecting data about data networks. Most of her research has focused on the science of understanding, describing, and modelling this data and then drawing conclusions based on this understanding. Just as the data spans time scales and multiple levels of abstraction her work spans multiple time scales and multiple levels of abstractions.

Her current research interest is network performance debugging. Starting from data traffic measurements over traffic characterization this leads to judging the performance implications of what we have learned.

Further professional details are available at: <http://www.net.in.tum.de/~anja/>

## William Donnelly

William Donnelly received his PhD in University College Dublin, 1989 and has been at the forefront of the European Telecommunications Management research and development industry since 1991. In 1991, he joined Broadcom Éireann Research, where he led a number of successful projects as head of telecommunications management.

In 1996 Dr Donnelly left Broadcom to take up a lectureship post in Waterford Institute of Technology (WIT) where he established the Telecommunications Software and Systems Group (TSSG) with Eamonn de Leastar, Mícheál Ó Foghlú and later Barry Downes. The TSSG has become one of the leading R&D centres within the European Framework programmes (FP4, FP5 and FP6), through its leadership of a large number of the IST telecommunications management R&D projects. It has successfully submitted 30 major international project proposals since 1996 resulting in over €15million.

Dr. Donnelly is currently the Head of Research & Innovation at Waterford Institute of Technology and was the project Director of the IST SecurIST project.

Further professional details are available at: <http://www.tssg.org/people/wdonnelly/>.

## Neeraj Suri

Prof. Neeraj Suri received his Ph.D. from the University of Massachusetts at Amherst. He currently holds the TU Darmstadt Chair Professorship in "Dependable Embedded Systems and Software" at TU Darmstadt, Germany and is also affiliated with the University of Texas at Austin. His earlier academic appointments include the Saab Endowed Professorship and faculty earlier at Boston University.

Prof. Suri's research interests focus on design, analysis and assessment of distributed, dependable embedded systems and software. His current research is emphasizing composite issues of dependability and security, covering topics of (a) robustness hardening ("autonomic dependability & security") of software/OS's, (b) verification/validation of protocols, embedded SW/OS, and (c) "trusted/secure SW/systems by design". His group's research activities have garnered support from DARPA, NSF, ONR, European Commission, NASA, Boeing, Microsoft, Intel, Saab, Volvo and Daimler Chrysler among others.

Prof. Suri is also a recipient of the NSF CAREER award. Suri serves as an editor for IEEE Trans. on Dependable and Secure Computing, for IEEE Transactions for Software Engineering, for ACM Computing Surveys covering Embedded Systems and Real-Time, for Journal of Security and Networks, and has been an editor for the IEEE Trans. on Parallel and Distributed Systems. He is a member of IFIP WG 10.4 on Dependability, and a member of Microsoft's Trustworthy Computing Academic Advisory Board.

More professional details are available at:  
<http://www.deeds.informatik.tu-darmstadt.de/suri/activities/activities.html>

## Michel Riguidel

Prof. Michel Riguidel is the Head of the Department of Computer Science and Networks, at ENST (Ecole Nationale Supérieure des Télécommunications, [www.enst.fr](http://www.enst.fr)) in Paris, where he lectures in security and advanced networks. His research is oriented towards security of Information Systems and Networks, architecture of communication systems (Grids, Next Generation Internet, Active, Ad hoc and configurable Networks), software radio and protocol engineering. Professor Riguidel created the first ITSEC E4 Firewall and has been developing watermarking technology since the early days. He has headed-up many R&D Projects in security: watermarking, PKI, formal methods, critical infrastructure protection. Currently, he is working on security of heterogeneous and mobile systems within Ambient Intelligence and Quantum Networks.

Professor Riguidel is the Head of the Experts Committee in security at CNRS and belongs to the Executive Board of RNRT (National Network in Telecommunication Research). In the IST Integrated Project of FP6, he was Scientific Director of the Seinit IP (Security Expert Initiative) and Key Researcher of the Secoqc Integrated Project (Development of a Global Network for Secure Communication based on Quantum Cryptography), responsible of the Network Architecture. In Italy, he is scientific member of the international Think tank on telecommunications ThinkTel

(www.thinktel.org). In ICT FP7, he contributes in the Coordinated Actions Think-Trust and Inco-Trust (security of the Future Internet...).

Professor Riguidel has several patents in security (firewall, watermarking and protecting CD ROM).

## Sathya Rao

Dr. Sathya Rao has a doctoral degree from University of Neuchatel in Switzerland. After his services in Ascom at various level of technical position, he founded a consulting company Telscom in 1995. He is also technical manager of SEINIT project of EU 6th framework on IST, which is involved in developing new security algorithms, virtual paradigms to provide higher trust in heterogeneous network technologies. He has published many papers and has 5 patents to his credit. Under the patronage of the European Commission, he has organised many international workshops, distributed seminars and conferences.

## Zeta Dooly

### Current Position

I am currently employed by [TSSG/ WIT](#) as a Research Project Manager and am involved in the following projects: - [Think-Trust](#) part of the European Commission's Seventh Framework Information Society Technologies Programme, within the Unit ICT for Trust and Security and VidAs, Enterprise Ireland's Commercialisation Fund Technology Development Program:

- [Think-Trust](#) The Think-Trust project is investigating Trust, Security, Dependability, Privacy and Identity from ICT and Societal Perspectives. The project and its Advisory Board (RISEPTIS) will be supported by targeted working groups from the stakeholder and research community that will address focused issues and questions. These WG will focus on 1) Security, Dependability and Trust in the Future Internet and 2) Privacy and Trust in the Information Society. The overall objective is to formulate recommendations on future policy and research priorities.
- VidAs, a P2P video on demand system where we are involved in the authentication and encryption work packages.

### Previous Projects

- [SecurIST](#) This project is co-ordinating the development of a Strategic Research Agenda for Security and Dependability R&D (Steering Committee for a European Security & Dependability Taskforce). See [www.securitytaskforce.eu](http://www.securitytaskforce.eu) for more details of the deliverables and events that I have been responsible for.
- [ESFORS](#) This project is a Coordination Action that aims at bringing together the European stakeholders for security and dependability Information and Communication Technologies (ICTs) to address the security and dependability requirements of emerging software service platforms.
- Knowledge Management initiatives internally in TSSG
- I have been involved in a number of project proposals for IST SMART, Framework Programme 6 and currently working on Framework Programme 7 that will be evaluated during the summer of 2007.

### Publications

- Dooly, Z., Byrne, S. and Maher, J. (2007) 'KM and PM in a Subsidiary of a MNC', Presented at European Conference of Knowledge Management, Barcelona, Spain

- Clarke, J., Donnelly, W., Dooly, Z., and Riguidel, M. (2007) 'ICT Trust, Security and Dependability Research Strategy beyond 2010, Presented at IST Africa, 2007
- Clarke, J., Dooly, Z., and Fitzgerald, W. (2006) 'SecurIST: Security & Dependability to Empower the Citizen in the 21st Century', Presented at Mobile Summit, Greece, 2006
- Dooly, Z., Fitzgerald, W. and Clarke, J., (2006) 'SecurIST: Ensuring Secure, Dependable & Resilient European ICT Technologies to Empower the Citizen, Protect Critical Infrastructure & Provide Economic Growth', Presented at Euro-Atlantic Symposium on Critical Information Infrastructure Assurance, Switzerland, 2006
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- Dooly, Z., (2003) 'Knowledge Management and Management Accounting and Control; Trajectories for research in an Irish Context', Presented at the BAA Annual Conference, 22nd April, Manchester, UK.
- Program Committee member for [Future Internet Symposium](#), Vienna, Austria 29-30th Sept 2008
- Program Committee member for [European Conference of Knowledge Management](#), Southampton, UK 4-5th Sept 2008
- Organising Committee member for [Future Internet Assembly](#), Madrid, Spain, 9-10th December 2008

### Education

Zeta graduated from Waterford Institute of Technology in 1996 with a honours Bachelor of Business Studies degree and subsequently graduated with a Masters of Business Studies (through research) in Knowledge Management in 2006

### Experience

Having graduated in 1996 with a Degree in Business and before joining TSSG/WIT in the Autumn of 2005 I have gained 10 years industry experience within systems and finance areas, with the following companies:

- [Sun Life Financial](#) Waterford, Ireland - 2000-2005 - 5 years
- Nua, Dublin, Ireland - content management software provider - shut down in 2001 - 6 months in 2000
- [WestPac](#) Sydney, Australia - 8 months in 1999
- [Ericsson](#) Dublin, Ireland - 1.5 years 1997-1999
- [Hibernian Insurance Company](#) Dublin, Ireland - 8 months in 1997
- [Royal and Sun Alliance](#) Dublin, Ireland - 6 months in 1996/1997

### Skillset

I have strong technical and management skills which have adapted according to business priority. These include; Project management, SQL, data analysis, requirements management, Automated testing (WinRunner/TestDirector), advanced excel/word/powerpoint, mind mapping applications, MS visio, html, technical report writing.

## Jim Clarke

Mr. Clarke is a programme manager for the Waterford Institute of Technology and project manager of the FP7 CA INCO-TRUST project ([www.inco-trust.eu](http://www.inco-trust.eu)). He was previously involved in two relevant

projects in the FP6 ICT Security and Trust unit: SecurIST (<http://www.securitytaskforce.eu>) and ESFORS (<http://www.esfors.org>) projects. Mr. Clarke is also involved in two Working groups of ESRIF WG2. Security of Critical Infrastructures and WG11. Human and societal dynamics of security. In addition, Mr. Clarke a Permanent Stakeholder Group member of ENISA, Steering board member of eMobility Technology Platform and active within the NEM Technology Platform Security cluster. Mr. Clarke previously worked on the IP DAIDALOS project, where he coordinated the project's involvement in the IST Mobile and Wireless Security cluster activities and has also co-authored several publications. He obtained an MSc in applied mathematics from Hofstra University in New York in 1992 and a BSc in electrical engineering from State University of New York in 1986.

## **Keith Howker**

Keith Howker has been active in promoting security and trust work in the framework programme for many years. Following retirement from ICL where he established and managed the RACE project SESAME, he worked for a while for the Commission in the then DG XIII on the planning of IST security aspects of FP4. He has since contributed on several security-related projects - ASPeCT, USECA, NESSIE, SHAMAN, PAMPAS, and Ambient Networks - for Royal Holloway University of London, K U Leuven and Vodafone. He was actively involved in the SecurIST project, especially working with the Advisory Board, whose recommendations relate to many of the issues the ThinkTrust will address. If successful, it is envisaged that Mr. Howker will be taking up a Visiting Lecturer role at the WIT in order to work on the ThinkTrust project.