



# GENEVA SECURITY FORUM

Wednesday, June 20<sup>th</sup>  
and Thursday, June 21<sup>st</sup> 2007

## INTRODUCTION :

Launched by the Canton of Geneva, the Geneva Security Forum aims to be the place for business and policy-makers to learn about, and prepare for, the security threats we will face in 3-5 years, to evaluate key issues, to share expertise and drive knowledge growth on best responses.

New security challenges including increasingly sophisticated hackers, computer viruses, the move to networkcentric warfare, water shortages, the risk of pandemics, migration, the potential impact of rising number of discontented youth among others, have made it clear that a new multistakeholder, interconnected and IT savvy approach to developing and implementing security solutions is urgently required.

The Geneva Security Forum will bring together the key actors from business, government, intergovernmental organizations, academia and civil society to develop recommendations and concrete action plans on interoperable responses to security challenges.

The two main thematic pillars of the Geneva Security Forum program 2007 will be new threats and cyber-security. The discussion leaders highlighted below will be addressing some of the following key issues during the course of the Forum:

- Cyber security: managing our increasing vulnerability
- International organized online crime: from hobbyists to professionals - the morphing enemy
- Post-conflict reconstruction and investment: the challenges and opportunities
- The intersection between human security, organized crime and conflict
- Powder keg in the making: changing demographics and the security risks of marginalized populations
- The implications of the privatization of security
- Acquiring and retaining trust in an age of phishing, phreaking and pharming
- Information, data security and standards: staying one step ahead of the hackers
- Biometrics: security through the use of avant-garde access control mechanisms
- Cryptography and encryption: more important than ever before?
- IT, the state and privacy: how the post 9/11 security agenda and new technologies are eroding civil liberties'
- Responding to the interconnectedness of today's new threats
- A geopolitical approach to global security

## SPEAKER HIGHLIGHTS



### Mikko H. Hypponen

***Director of Anti-Virus Research, F-Secure Corp***

Mikko Hypponen has worked with F-Secure since 1991. Mr. Hypponen led the team that infiltrated the Slapper worm attack network in 2002, took down the world-wide network used by the Sobig.F worm in 2003 and was the first to warn the world about the Sasser outbreak in 2004. He has been the subject of dozens of interviews with media outlets such as BBC, NBC, CNN and CNBC. He has also been interviewed by Wall Street Journal, Vanity Fair, Wired, New York Times and Newsweek. In addition to his other duties, he has co-authored two books. Mr. Hypponen, born in 1969, has been an invited member of CARO (the Computer Anti-Virus Researchers Organization) since 1995. Apart from computer security issues, Mr. Hypponen enjoys collecting and restoring classic arcade video games and pinball machines from past decades. He lives with his family, and a small moose community, in an island near Helsinki.



### Simon Singh

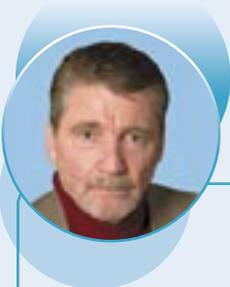
***Author, Journalist, TV Producer, UK***

After completing his PhD in particle physics at Cambridge University and CERN, Simon Singh became a science writer and broadcaster. He is the author of three bestselling books, namely "Fermat's Last Theorem", "The Code Book" and "Big Bang", which cover the subjects of pure mathematics, cryptography and cosmology. Prior to writing, Simon was a producer and director in the BBC TV Science Department and won a BAFTA for his documentary about Fermat's Last Theorem. He has recently presented programmes (The Science of Secrecy, Five Numbers, The Serendipity of Science, Mind Games) on radio and television. His website is at [www.simonsingh.net](http://www.simonsingh.net).



**Dr. Hamadoun I. Touré**  
**Secretary-General, ITU Geneva**

Dr Hamadoun Touré was elected Secretary-General at the ITU Plenipotentiary Conference in Antalya, Turkey, in November 2006 and took office on 1 January 2007. Born on 3 September 1953, Hamadoun Touré holds a Masters Degree in Electrical Engineering from the Technical Institute of Electronics and Telecommunications of Leningrad (LEIS, USSR) and Doctor of Philosophy Degree (PhD) from the University of Electronics, Telecommunications and Informatics of Moscow (MTUCI, Russia). Dr Touré is committed to make ITU an innovative, forward looking organization adapted to meeting the challenges created by the new ICT environment and to spearhead the Union towards implementing the resolutions of the World Summit on Information Society (WSIS) and achieving the Millennium Development Goals (MDGs). As Director BDT from 1999 until 2006, he played a significant role in the WSIS process by launching numerous projects based on partnership building with International Organizations, Governments, Civil Society and the Private Sector. Prior to his election as Director of BDT in 1998, Dr Hamadoun Touré was Africa's Regional General Manager for ICO Global Communications (1996–1998). He spearheaded the company's activities from its Africa Regional Office in South Africa, where he laid the foundation to ensure the successful introduction and operation of ICO's regional operations: marketing and network distribution, coordination with service partners, regulators and operators of fixed, mobile and special services.



**Brian Michael Jenkins**  
**Senior Adviser; Professor, Pardee RAND Graduate School, USA**

Mr Jenkins expertise is in terrorism, counterinsurgency, and homeland security. He was previously: Former Captain, U.S. Army Special Forces with service in the Dominican Republic and Vietnam; Deputy Chairman, Kroll Associates; Member, White House Commission on Aviation Safety and Security; Adviser, National Commission on Terrorism; Special Advisor to the International Chamber of Commerce; Board Member, ICC Commercial Crime Services; Member, U.S. Comptroller General's Advisory Board. Publications of interest include: Aviation Terrorism and Security, Paul Wilkinson and Brian Michael Jenkins, eds., Cass Series on Political Violence, Frank Cass Publisher, revised edition, 2005; Three Years After: Next Steps in the War on Terror, David Aaron, ed., RAND Corporation, 2005; Countering al Qaeda: An Appreciation of the Situation and Suggestions for Strategy, Brian Michael Jenkins, RAND Corporation, 2002; Deterrence and Influence in Counterterrorism: A Component in the War on al Qaeda, Paul K. Davis and Brian Michael Jenkins, RAND Corporation, 2002; The Fall of South Vietnam: Statements by Vietnamese Military and Civilian Leaders, Stephen T. Hosmer et al., Crane Russak & Co., 1980



## **Nitin Desai**

***Special Advisor to the Secretary-General, United Nations***

Mr Desai is a Special Adviser to the UN for the World Summit on an Information Society and chaired the UN's Working Group on Internet Governance. He is an Honorary Fellow of the London School of Economics and Political Science, UK and a Visiting Fellow at the Centre for the Study of Global Governance at LSE. He is on the advisory board of several international NGO initiatives including the organising committee for the World Science Assembly set up by the Royal Institution, UK and the Governing Council of the University for Peace, Costa Rica. In India he is an Honorary Professor at the Indian Council for Research in International Economic Relations, a Distinguished Visiting Fellow at the Energy and Resources Institute (TERI) and a Trustee of the Delhi Policy Group. He writes a monthly column for the Business Standard, an Indian daily. Mr Nitin Desai has had a long and distinguished career in the Government of India and the United Nations. In the Government of India Mr. Desai worked at senior levels in the Planning Commission from 1973 to 1987. His principal work there was in establishing and managing the system for the cost-benefit analysis of public investment projects. He was also the Secretary of the National Commission on the Development of Backward Areas and a Member-Secretary of the Economic Advisory Council to the Prime Minister. From 1988 to 1990 Mr Desai was the Chief Economic Adviser and Secretary in the Department of Economic Affairs in the Ministry of Finance. Most recently he has been asked by the Planning Commission to chair a Committee on Venture Capital and Technology Innovation.



## **Denis Caillaux**

***Secretary-General, Care International Secretariat, Switzerland***

For the past 20 years, M. Caillaux has worked with UNICEF, most recently as Secretary of the Executive Board based in New York. He served in the field for most of that period, first in Laos and then in Ghana where he was one of UNICEF's primary spokespersons in its challenge to the conventional wisdom of the time about Structural Adjustment policies. During his time with the UNICEF Dakar Area Office he directed the global effort in favour of universal child immunization in the sub-region and was a strong advocate for the Convention on the Rights of the Child. M. Caillaux also helped organize the first ever World Summit for Children held in September 1990 and was involved in the initial implementation of the Summit plan of action.



## **Timothy D. Bloechl**

***Executive Director, Worldwide Public Safety and National Security, Microsoft; former Director, International Information Assurance, US DoD***

Tim is Microsoft's senior executive, chief strategist and spokesperson for Public Safety and National Security markets and initiatives worldwide. He is responsible for business strategy development and execution for several public sectors including military, intelligence, homeland security, justice and law enforcement.

Before joining Microsoft, Tim served as the Director, International Information Assurance (IA) Program, and Deputy Director for IA Operations, for the United States Department of Defense (DoD). He was responsible for international military IA outreach, policy and program development, and was the department's representative for interagency international and operational cyber security coordination. He was also the DoD co-chair for the National Cyber Response Coordination Group under the U.S. National Response Plan. He was assigned in the Pentagon Office of the Assistant Secretary of Defense, Networks and Information Integration (OASD/NII). Before this Pentagon assignment, Tim served a 20-year career in the U.S. Army retiring as a Lieutenant Colonel. His final assignment was Chief, J2 Plans, United States Central Command, MacDill AFB, Florida. In this position he was responsible for coordinating intelligence planning support to operations against Iraq (Operation DESERT THUNDER (Spring 98) and Operation DESERT FOX (December 98)) and operations against terrorist camps and facilities in Afghanistan and Sudan in August 98 responding to terrorist attacks against U.S. Embassies in Kenya and Tanzania. He also led the command's Intelligence Exchange Program with several Middle Eastern, African, and European countries. Tim's combat tours include serving as NMIST Team Chief, United States Southern Command, Quarry Heights, Panama during Operation JUST CAUSE from December 1989 through January 1990; and as NMIST Team Chief, XVIII Airborne Corps, Saudi Arabia during operations DESERT SHIELD and DESERT STORM, August 1990 to March 1991.



## **Alain Délétroz**

***Vice President (Europe); Latin America/Caribbean Program Director, International Crisis Group, Brussels***

Alain Délétroz concentrates on European policy and advocacy issues, closely focused on the EU and its member states. He maintains senior-level contacts and advocates Crisis Group recommendations to officials in Brussels, Latin America, the EU member states and Russia. He pays regular advocacy visits to these countries and gives interviews to their media on the conflicts Crisis Group covers. In his additional role as the Latin America/Caribbean Program Director, Alain directs the research and report production from our Bogota and Port-au-Prince offices.



## **Alyson J. K. Bailes**

***Director, Stockholm International Peace Research Institute, Sweden***

Alyson J.K. Bailes has been in the British Diplomatic Service for 32 years. She was posted in 1970-74 in Hungary, where she learned her first foreign language. She went on to deal with arms control at the UK Delegation to NATO in Brussels, then had a sequence of home-based jobs including the EU internal policy desk; a temporary attachment to an EU «Wise Men» study team on institutional reform; and an exchange posting to the British Ministry of Defence. She was posted again in 1981-84 at the Embassy in Bonn, dealing with defence and Berlin-related matters. In 1984 she returned to the FCO as Deputy Head of Policy Planning Department. She was selected in 1986 to be the Deputy Head of Mission at the British Embassy in Beijing and began work there in 1987 after seven months learning the Chinese (Mandarin) language. She spent two and a half years in China, including the time of the Tian'anmen events, and during this period was part of the Sino-British negotiating team for the future of Hong Kong. On return to the UK she took a short academic sabbatical at the Royal Institute for International Affairs in London. In 1990-94 she was Deputy Head of Mission at the British Embassy in Oslo, and in 1994-96 Head of the FCO Security Policy Department. From 1996 to 1997 Miss Bailes was a Vice-President responsible for security policy programmes at the New York-based East West Institute, and from 1997 to June 2000 the Political Director of the Brussels-based European defence institution, Western European Union. Since November 2000 she has held the post of British Ambassador in Helsinki, Finland.



## **Misha Glenny**

***Writer and Broadcaster, UK***

Misha Glenny was born in 1958 and educated at Bristol University and Charles University in Prague. His coverage of the fall of Communism in 1989-90 was widely acclaimed, and led to the writing of his first book, *The Rebirth of History*. During the Yugoslav crisis of the early 1990s he was the Central Europe correspondent for the BBC World Service. In 1993 he won a Sony Award for his coverage of Yugoslavia. *The Fall of Yugoslavia* was published in 1992 and has been in print ever since. *The Balkans* was published by Granta Books in November 1999. Misha Glenny is currently working as a political consultant on South Eastern Europe and divides his time between London, Brighton and the region.



## **Maria Livanos Cattai**

***Member of the Board of Directors, Petroplus Holdings AG, Switzerland; Former Secretary-General of the International Chamber of Commerce; Vice-Chairman, International Crisis Group and Chairman of the Strategic Advisory Board, Geneva Security Forum***

Mrs Cattai joined the Petroplus Board in December 2006. She was Secretary-General of ICC from 1996 to 2005, where she was charged with the task of raising the profile of ICC as the world business organization and making it a more vigorous advocate of business in dealing with international organizations and governments. Prior to ICC, Mrs Cattai was Managing Director of the World Economic Forum in Geneva. She worked for the WEF for almost twenty years, and was particularly responsible for its well known annual meeting in Davos. Mrs Cattai is also a board member of numerous organizations from the academic, non-profit and cultural spheres.



## **Grégoire Ribordy**

***Co-Founder and Chief Executive Officer, id Quantique, Switzerland***

Gregoire Ribordy, co-founder and Chief Executive Officer, has over 10 years of experience in various R&D and management roles in the field of optical measurements and communication systems. He founded id Quantique in 2001 and has managed the company since then. Prior to this, he was a research fellow at the Group of Applied Physics of the University of Geneva between 1997 and 2001. In this position, he actively developed quantum cryptography technology and managed several development projects, in collaboration with industry (Swisscom) and with other research groups (R&D initiatives funded by the European Union). Between 1995 and 1996, Gregoire worked for one year in the R&D division of Nikon Corp. in Tokyo, Japan, where he performed computational simulations of novel optical microscope types. Gregoire Ribordy is the recipient of several awards such as the 2001 New Entrepreneurs in Technology and Science prize, the 2002 de Vigier award and the Swiss Society for Optics and Microscopy 1999 prize. At the end of 2005, he was selected, along with id Quantique's cofounder Olivier Guinnard, as one of the most innovative individuals in information technology worldwide by the World Technology Network.



## Lucy P. Marcus

***Founder and CEO of Marcus Venture Consulting, Ltd.***

Marcus Venture Consulting provides advice to venture capital and private equity funds, institutions and corporations. Lucy is also the Chair of The Global Task Force on Building Women Leaders, which is conducting the first cross-cultural, cross-sectoral and cross-continental study on the vitally important subject of discovering the most effective means of fostering women leaders in the 21st century. Lucy has worked in a number of sectors from software and the internet to government and financial services. Selected as a World Economic Forum Global Leader for Tomorrow, Lucy is also a fellow of the Aspen Institute Henry Crown Fellowship Program and a fellow of the British-American Project. She has been listed as a "face to watch" in Management Today Magazine's list of Britain's 50 Most Powerful Women and in Business Age Magazine's "10 Women Changing the Direction of British Business". She also sits on a number of boards, including the advisory board of the University of Cambridge's Judge Business School, and the international advisory board of the Instituto de Empresa Business School in Madrid. A regular speaker on global economic trends and best practices for investment, private equity, venture capital, entrepreneurship, technology in Europe, Israel, and the US, and women in business, Lucy is frequently quoted in the press, including the Wall Street Journal, the Financial Times, The International Herald Tribune, and has appeared on CNBC, Sky Business Report, and BBC World Service. She has been profiled in The Financial Times, and in the book "Powerful Women: Dancing on the Glass Ceiling" (Wiley 2001).



## Dr. Mike Ryan

***Director, Epidemic and Pandemic Alert and Response,  
World Health Organization, Geneva***

Dr Ryan's background is in medicine, infectious disease and public health. He completed Medical Training at University College Galway and his Masters in Public Health at University College Dublin followed by specialist training in public health/communicable disease at the UK Communicable Disease Surveillance Centre in London. He has worked with WHO since 1996 when WHO established a unit to respond to emerging and epidemic disease threats. During his time at WHO, Dr Ryan has led numerous outbreak response teams to the field for diseases such as Ebola, meningitis, cholera, bacillary dysentery, Crimean-Congo haemorrhagic fever, rift valley fever and relapsing fever. He became Coordinator of WHO's Global Alert and Response Team in 2001 and has put in place WHO's epidemic intelligence, verification and response mechanisms as well as the Global Outbreak Alert and Response Network (GOARN) that have been utilized in recent outbreaks such as SARS and Influenza.



## **Kelly Richdale**

***VP International Sales & Managing Director International Operations, Bioscrypt***

Prior to this she was Founder and Senior VP Global Sales of A4Vision, specialising in 3D face recognition, which was acquired by Bioscrypt in March 2007. Kelly was formerly a Director of Lycos Europe (Germany) and the CEO/ Founder of Prologue Productions, a TV & Radio production company (Moscow). She has extensive experience in global sales and business development in a range of industries. She holds an MBA from INSEAD (Fontainebleau, France) and a degree in modern languages (Russian & German) from Cambridge University. She was awarded a Swiss Technology Innovation prize in 1995.



## **Sundeep Waslekar**

***President, Strategic Foresight Group, India***

Sundeep Waslekar is President of Strategic Foresight Group, a think tank based in India, engaged in anticipating and influencing global future. Under its auspices, he has advised governments in three different regions of the world. His strategic insights have been sought by the international media ranging from International Herald Tribune to Financial Times and BBC World Television to CNN, besides a large number of newspapers in Asia and the Middle East. His initiatives engaging former and serving Heads of Government and cabinet ministers, have attracted the cooperation of the Alliance of Liberals and Democrats in the European Parliament and the League of Arab States. He has chaired session on the relations between Western and Islamic countries at the summits of the World Economic Forum, involving high government representatives and scholars from the United States and the countries in the Middle East. He has delivered keynote addresses on patterns of terror and extremism, and possible solutions, to conferences ranging from those convened by Western governments for their senior officials to the ones organised by Goldman Sachs and Dubai Consortium for their high value clients. Sundeep Waslekar has served the Institute for Democracy and Electoral Assistance, Stockholm, and is currently on the Board of the International Centre for Democratic Transitions, Budapest.



## **Stefan Wolff**

***Professor of Political Science at the University of Nottingham, England, UK and Senior Non-resident Research Associate at the European Centre for Minority Issues in Flensburg, Germany***

Stefan Wolff is an expert on the management of contemporary security challenges, especially in the prevention and settlement of ethnic conflicts and in post-conflict reconstruction in deeply divided and war-torn societies. He has extensive expertise in Northern Ireland, the Balkans and Central and Eastern Europe, and has also worked on a wide range of other conflicts elsewhere, including the Middle East, Africa, and Central, South and Southeast Asia. Wolff is a regular consultant for major national and international governmental and non-governmental organisations and the private sector. Wolff's publications to date include eleven books and over twenty journal articles and book chapters. Published by Oxford University Press in 2006 (extended and revised paperback in 2007), Wolff's *Ethnic Conflict: A Global Perspective* is the first major treatment of the subject aimed at a broad general audience and has been highly acclaimed by academics, policymakers, and business leaders. He holds a Masters Degree from Magdalene College, Cambridge, and a Ph.D. from the London School of Economics and Political Science.



## **Rodolfo Rosini**

***Chief Executive Officer, Cellcrypt, UK***

Rodolfo is an entrepreneur with a background in information security. He previously served as CEO of Emaze Networks, a security software vendor, where he raised VC financing and grew the company from start-up to profitability. Before Emaze, he was a partner at Interactiva, a technology consulting firm, and managed engagements for Fortune 500 companies and finance customers on IT strategy and security from negotiation to delivery.

Rodolfo studied Management at the London School of Economics and during 2002-2005 was a Certified Information Security Systems Professional (CISSP).



## Pär Stenbäck

***Chairman of the Swedish-Finnish Cultural Foundation and Executive Board Member of the International Crisis Group (ICG)***

Pär Stenbäck, born in 1941, is a citizen of Finland. He has a Masters degree in political science and international politics from the University of Helsinki. After six years as a journalist in the broadcasting and print media, he was elected to parliament at the age of 28 and was consequently re-elected four times while as the Leader of the Swedish People's Party from 1977-85. During his parliamentary career, he was also deputy chairman of the Foreign Relations Committee for nine years, specialising in development affairs. He became Minister of Education in 1979 and Minister of Foreign Affairs from 1982-83, the first to serve after President Kekkonen's long presidential period. Mr. Stenbäck left parliament after being appointed Secretary General of the Finnish Red Cross in 1985. In 1987, he was elected Secretary General of the International Federation of Red Cross and Red Crescent Societies, spending five years in Geneva during a turbulent time of change and expansion. He returned to his home country in 1997 where he was elected President of the Finnish Red Cross (serving two periods) and working chairman for the Foundation for Swedish Culture in Finland, one of Finland's largest grant-making foundations. In 1992, he was appointed Secretary General of the Nordic Council of Ministers, the regional body for governmental cooperation between the five Nordic countries. He served as Vice President for Europe of the International Youth Foundation (Baltimore) between 1996 and 2006.

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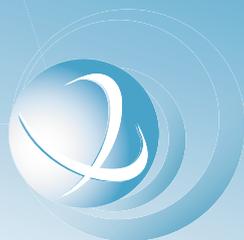
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