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Standards and the Future of the Internet

Geneva 2008

Agenda at a glance

Monday 25 February 2008

Official Opening

12.00 – 20.00 Delegate registrations
18.00 – 19.00 Official opening
18.00 – 19.30 Reception

Tuesday 26 February 2008

Standards for Innovation and the Future of the Internet

07.30 – 09.00 Breakfast meeting- *Standards for Innovation* and the Future of the Internet
09.00 – 12.00 Theme 1: Raising the Quality Threshold of Standards Development
12.00 – 14.00 Lunch & Masterclasses
14.00 – 17.00 Theme 2: Open Standards and Innovation

Evening Tuesday 26 February 2008 - Keynote panel

18.00 – 20.30 Evening keynotes and reception on “Standards and the Future of the Internet - the role of open standards, standards development and standards organisations for innovation and healthy marketplaces”, with our distinguished panel:

Vint Cerf,

VP & Chief Internet Evangelist, Google - the "father of the Internet"

Bob Sutor,

VP, Open Source and Standards, IBM Corporation

Håkon Wium Lie

CTO of Opera Software and formerly CERN and W3C

Andy Updegrove

Attorney-at-Law and a partner in the law firm Gesmer Updegrove

Wednesday 27 February 2008

Standards for Healthy Marketplaces and the Future of the Internet

07.30 – 09.00 Breakfast meeting
09.00 – 12.00 Theme 3: Standards and Intellectual Property Rights
12.00 – 14.00 Lunch & Masterclasses
14.00 – 17.00 Theme 4: Open Standards and Democracy
17.00 – 17.30 Conference Conclusions & Next steps

20.00 – 22.30 Closing reception at MAMCO - Museum of Modern and Contemporary Art

List of speakers

- Alan Bell, The Open Learning Center
- Andy Updegrove, Attorney-at-Law and Partner Gesmer Updegrove
- Barbara Held, Dr., European Commission, Directorate-General for Informatics, European eGovernment Services (IDABC)
- Robert (Bob) Sutor, Dr., Vice President, Open Source and Standard, IBM
- Carlo Piana, Tamos, Piana and Partners, Italy
- Dave Sawden, IBM
- Dominique Foray – Professor Innovation Management
- Laura DeNardis, Dr., Yale Law School
- Elmar Husmann, Independent expert
- Graham Taylor, Chairman, OpenForum Europe
- Håkon Wium Lie, CTO of Opera Software and formerly CERN and W3C
- Jeremy Allison (Google),
- Jonathan Sage, Global Intellectual Property and Open Standards, IBM
- Michiel Leenaars, NLnet foundation and board member of OpenDoc Society
- Petri Räsänen, Chairman of the Centre for Open Source Software Finland
- Pieter Hintjens (Digital Standards Organization)
- Rishab Ghosh, heads the Collaborative Creativity Group at UNU-MERIT
- Rolf Schuster, Dr., Chief Information Officer, Federal Foreign Office, Germany
- Shane Coughlan, FSFE
- Thomas Vinje, Partner, Clifford Chance, Belgium
- Vint Cerf, VP & Chief Internet Evangelist, Google, a.k.a. the "father of the Internet"



- **Alan Bell, The Open Learning Center, Director**

- Alan Bell is a co-founder of The Open Learning Centre, a UK consultancy specialising in Free and Open Source software. Alan has more than a decade of experience designing and delivering IT solutions to enterprises of all sizes.

Alan also created the dis29500.org website which provides a discussion area for the many comments raised by the national standardisation bodies on the OOXML specification.



- **Andy Updegrove, Attorney-at-Law and Partner Gesmer Updegrove**

- [Andrew Updegrove](#) is a co-founder and partner of the Boston law firm of [Gesmer Updegrove LLP](#). Since 1988 he has worked with over 85 consortia, accredited standards development organizations and open source consortia. He has testified before the United States Department of Justice and Federal Trade Commission regarding consortia, standard setting and intellectual property matters, and has filed pro bono “friend of the court” briefs with the Federal Circuit Court, Supreme Court, and Federal Trade Commission in leading standards litigation. In 2002, he launched [ConsortiumInfo.org](#), the most extensive resource on the Internet dedicated to consortia and standard setting, and [Standards Today](#), a bimonthly e-Journal of standards and open source news, ideas and analysis, which now has thousands of subscribers. In 2005, he launched the [Standards Blog](#), which reports and provides analysis on issues of importance to the open standards and open source communities. He has served as a member of the Boards of Directors of ANSI, the Free Standards Group, and the Linux Foundation (where he also serves as Director of Legal Standards Strategy), as well as on the Advisory Board of HL7. He is a graduate of Yale University and the Cornell University Law School.



- **Dr. Barbara Held, European Commission, Directorate-General for Informatics
European eGovernment Services (IDABC)**

- Barbara Held presently works as Detached National Expert at the European Commission Programme for "Interoperable Delivery of pan-European eGovernment Services (IDABC)". She is responsible for the IDABC projects promoting on Open Source Software (OSS) in public administration - including a project for a European OSS Repository. She also coordinates the programme’s activities on Open Document Exchange Formats.

Being a Desk Officer at the German Federal Ministry of the Interior in Berlin, Barbara Held formerly served at the German Government’s Coordination and Advisory Board for IT in the Administration (KBSt), responsible for software strategy and OSS policy.

She holds a PhD in mass communication sciences from Free University Berlin.



- **Dr. Robert (Bob) Sutor, Vice President, Open Source and Standard, IBM Corporation**
- Executive responsible for driving and executing the cross-company business and technical strategy for open standards and open source as they relate to software, hardware, services, vertical industries, and emerging markets. In particular, helps move IBM from its traditional technical and intellectual property approach to one where business exploitation of standards and open source for greater customer value is paramount, especially in vertical industries and emerging markets. Chairman of the IBM internal Corporate Standards Advisory Committee and the Open Source Steering Committee.

Works with partners, customers, government leaders and government agencies around the world to understand and adopt modern, business-savvy open strategies and policies. Leads the IBM team accelerating the adoption of the OASIS and ISO OpenDocument Format standard. Senior IBM spokesperson and evangelist for standards and open source, and a widely quoted and read global expert on these areas and Service Oriented Architecture (SOA).

Named in 2006 as one of Computer Business Review's "Open Source VIPs". Presented the keynote address "Open vs. Proprietary: Issues and considerations in the software world" at the University of Texas School of Law conference on the Frontiers of Intellectual Property.



- **Carlo Piana, Lawyer, Tamos, Piana and Partners, Italy**
- Carlo Piana is a lawyer based in Milan with a 14+ years' experience in Information Technology and Telecommunication Law. He is particularly active in the software licensing and technology transfer sector, with an emphasis on Free / Open Source Software. Counsel to the Free Software Foundation Europe and the Samba Team in the landmark case Microsoft vs. EU Commission, is now Member of the Board of the Protocol Freedom Information Foundation. He is also deeply involved in the standard making field and he is technical expert in Uninfo's JTC1 (the Italian National Member of ISO/IEC JTC1). He publishes a small blog on IT Law and Digital Liberties (<http://www.piana.eu>).
- **Elmar Husmann, Independent expert**
- Elmar Husmann is an independent expert and interim manager of strategic programs. In this role he has been supporting clients in launching a portfolio of research activities in the area of Future Internet Services – jointly with a number of leading industrial partners and supported by the European Commission. Elmar is a member of the steering committee of the Networked European Software Initiative and has been engaged in leading roles with several European Commission funded research projects. Since several years he is also involved with multiple European regions on increasing innovation through adopting open standards and Open Source.

Previously, Elmar was with PriceWaterhouseCoopers Consulting and a member of the German leadership team for ICT strategy services. Elmar holds an engineering degree from RWTH Aachen and an MSc in technology strategy from the Ecole Centrale Paris. He also attended executive courses on ICT strategy and technology entrepreneurship at INSEAD, HEC Paris and Cambridge.



- **Graham Taylor, Chief Executive of OpenForum Europe**

- Graham Taylor is Chief Executive of OpenForum Europe, who are hosting this Conference. With some 30 years of experience in the ICT industry, prior to OFE Graham Taylor was a Director at ICL, most recently as Managing Director of the Smart Card business, but with spells as its Software Business Development Manager, and head of The Solution Centre, ICL's centre for the management of complex integration projects.

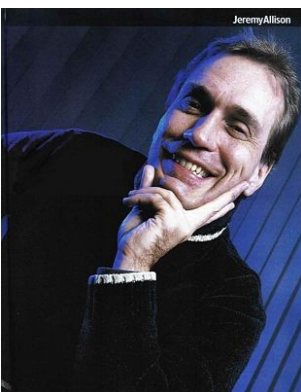


- **Håkon Wium Lie , CTO of Opera Software and formerly CERN and W3C**

- Håkon Wium Lie is the CTO of Opera Software. His job is to make sure Opera remains a better, smaller and faster browser than the one you know. Before joining Opera in 1999, Håkon worked at W3C where he was responsible for the development of Cascading Style Sheets, a concept he proposed while working with Tim Berners-Lee at CERN in 1994.

Håkon holds a MS degree in Visual Studies from the MIT Media Lab, and a PhD from the University of Oslo. He is also a board member of YesLogic which makes the Prince web-to-PDF-through-CSS converter.

- **Jeremy Allison, Google.**



- Jeremy Allison is one of the lead developers on the Samba Team, a group of programmers developing an Open Source Windows compatible file and print server product for UNIX systems. Developed over the Internet in a distributed manner similar to the Linux system, Samba is used by all Linux distributions as well as many thousands of corporations worldwide. Jeremy handles the co-ordination of Samba development efforts and acts as a corporate liason to companies using the Samba code commercially.

He works for Google, Inc. who fund him to work full-time on improving Samba and solving the problems of Windows and Linux interoperability.



- **Jonathan Sage, Global Intellectual Property and Open Standards, IBM**

- Jonathan is a member of the global intellectual property and open standards team within IBM Government Programmes. His role is to cover the EMEA geography reporting to the global leader in Washington. Prior to taking on this role, Jonathan was in the global IBM Strategic Change practice working predominantly in the Public Sector. He was also the IBM global leader for European Commission Research projects and framework programmes, reporting to the EMEA VP Government Programmes, EMEA Chairman of the Board and EMEA head of Research, liaising between business units, the consulting group and the research labs and in this role he coordinated the FP6 Digital Business Ecosystems project, which set out a technological and socio-political roadmap for creating digital ecosystems based on open standards within European regions



- **Laura DeNardis, Dr., Yale Law School**

- Laura DeNardis Laura DeNardis is a Visiting Fellow in the Information Society Project at Yale Law School. Her research addresses the political, cultural, and legal dimensions of Internet technical protocols and network security standards, including issues of democracy and expertise relative to global Internet governance institutions. A technical expert in computer networking and security, Laura has published in numerous technical journals and served as a National Science Foundation reviewer in advanced network protocols, broadband innovations, and Internet security. Professionally, Laura was previously a management consultant in Ernst & Young's information technology practice, taught for three years as an adjunct professor in the School of Information Technology and Engineering at George Mason University, and has spent many years as an independent network and security consultant. She holds engineering degrees from Dartmouth (A.B.) and Cornell University (M.Eng.) and received a Ph.D. in Science and Technology Studies from Virginia Tech. She can be reached at laura.denardis@yale.edu.



- **Michiel Leenaars, NLnet foundation and board member of OpenDoc Society**

- Michiel Leenaars (1972, Netherlands) is secretary of the board of OpenDoc Society, director of Internet Society Netherlands and Strategy Manager at NLnet. He is responsible for defining and initiating short term and long term policies and managing strategic activities within the NLnet foundation, and acts as its spokesperson to the press and society.
- In addition Michiel Leenaars works for the Netherlands Organisation for Scientific Research (NWO) within its subsidiary Netherlands National Computing Facilities Foundation (NCF) as an advisor on e-Infrastructure and e-Science. In that capacity he has been lead editor of the first two editions of the e-Infrastructures Roadmap, a long term

strategic pan-European vision document maintained by the European policy body e-Infrastructures Reflection Group (e-IRG).

- He is active in a number of organisations, such as Gridforum Nederland (secretary of the board), the European domain name registry EURId (member of Strategic Committee) and NEN-normcommissie (NC) 381034 'Behandeling en uitwisseling van tekst', the Netherlands' mirror committee of ISO/IEC JTC 1/SC 34 'Document description languages and processing languages'. Leenaars has a background in Physics at Technische Universiteit Eindhoven and Theory and history of literature/Visual and verbal communication at Tilburg University.



- **Petri Räsänen, Development Director, Technology Centre Hermia Ltd. and Founder and Director of COSS, the Finnish Centre for Open Source Solutions**
- Mr. Petri Räsänen (born 1966) obtained his M.Sc. in Sociology and Business Administration and L.Soc.Sc in Sociology. After working in various research projects on network economy and innovation systems at Work Research Centre of University of Tampere and VTT, he joined Secgo Group Ltd., a Finnish network security company targeting at global markets. In this position he was responsible e.g. for corporate HR strategy and competence development.

In 2003 he joined Technology Centre Hermia Ltd (www.hermia.fi), a Finnish innovation agency, where he directs Finnish and European initiatives within ICT industry, focusing especially on open innovation, digital media (www.digibusiness.fi, www.neogames.fi) and open source (www.coss.fi). Recently he has also served as a PMEB member and regional coordinator of the Digital Business Ecosystem - project (an IP in FP6), a director of Verso Open Source Business Programme of Tekes (www.tekes.fi), an evaluator for the European Commission and as an open source expert for a Finnish-African information society project of the Finnish Ministry for Foreign Affairs.



- **Pieter Hintjens (Digital Standards Organization)**
- Pieter Hintjens is a software designer, writer, and campaigner with over 25 years' experience in the IT business. His speciality is the analysis and design of large-scale systems (both technical and social) through the mixture of top-down structural guidelines and bottom-up organic activity.

He is the founder and director of [iMatix Corporation](http://www.imatix.com), started in 1996 to promote the development of open source software engineering technologies. iMatix has undertaken commercial projects for companies such as Manpower International, Heineken, JPMorganChase, and CBR, a Belgian cement firm.

He was the main author of the [AMQP/0.8 industry standard messaging protocol](#), developed by JPMorganChase and iMatix Corporation, and the main designer of the OpenAMQ messaging system. which went live at JPMorganChase's equities division in 2006, handling 100m messages per day for 4,000 users.

From 2005-2007 he was the president of the the FFII, a European civil society association that works for a free information infrastructure. The FFII was instrumental in stopping the advance of software patents in Europe and has been a partner to industry and politicians in key areas of innovation policy. As president of the FFII, he launched the [European Software Market Association](#) and the [European Patent Conference](#), a major convention of patent industry experts from Europe and the United States. EUPACO-2, in May 2007, assembled more than 30 international speakers.

As a passionate and skilled programmer, he is the inventor/designer of many [software engineering tools](#), code generators, [web servers](#), and protocol libraries which have been used as the basis for large-scale projects. Many of these tools are distributed from the <http://www.imatix.com> web site as free software.



- **Rishab Aiyer Ghosh , Programme Leader Collaborative Creativity Group at UNU-MERIT**

- Rishab conducts evidence-based research on the socio-economic, legal and technical aspects of Free/Libre/Open Source Software (FLOSS) worldwide. He is Founding International and Managing Editor of [First Monday](#), the most widely read peer-reviewed on-line journal of the Internet. He is Programme Leader at [UNU-MERIT](#) at the University of Maastricht, Netherlands, where he moved from Delhi, India in 2000. He coordinated the [European Union -funded FLOSS project](#), a comprehensive study of users and developers, and leads the [FLOSSPOLs](#) project studying government use, skills development and gender issues in FLOSS. He is actively involved in initiatives related to government policy on FLOSS in Europe and Asia. He conducts research funded by the EU, the Dutch government and the US National Science Foundation.



- **Dr. Rolf Theodor Schuster, Chief Information Officer, Federal Foreign Office, Germany**

- Rolf Schuster is Chief Information Officer of the German Federal Foreign Office in Berlin and responsible for the worldwide embassy network and the IT infrastructure. After his studies of business administration and economics he joined the Foreign Office as a career diplomat in 1989 and held different posts in multilateral and bilateral German missions in Europe and the United States. 2001 he became Chief IT Strategist of the German Federal Foreign Office. After successful implementation of a new IT strategy based on Open Standards and Open Source he was promoted CIO in 2004.



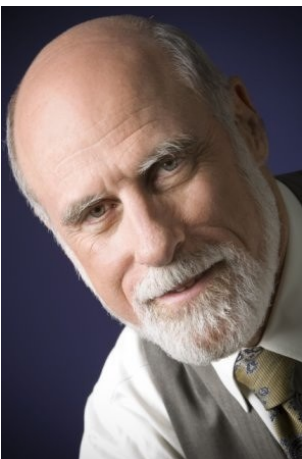
- **Shane Coughlan, FSFE**

- Shane is the coordinator of Free Software Foundation Europe's legal project. He has delivered numerous talks on Free Software licensing issues, provided training courses on licence compliance and process integration, and acted as a consultant for organisations wishing to leverage Free Software for non-commercial and commercial activities. Shane was previously involved in lock-in analysis, open standards and ICT security as an independent consultant. He studied in the UK at the University of Wolverhampton and read for his MA at the University of Birmingham. His research during his MA was focused on security, and he produced a thesis on cybernetic warfare.



- **Thomas Vinje, Partner, Clifford Chance, Belgium**

- Since 1989 Thomas has represented clients in many proceedings before the European Commission. He also represents clients in appeals of competition cases to the European Courts. Apart from merger and cartel cases, Thomas has been involved in key Article 82 cases, beginning with the IBM case. More recently, he has played a leading role on the Microsoft case, where he has represented several clients in the Commission liability and remedies proceedings as well as in the appeal on the merits to the Court of First Instance. Having begun his career as an intellectual property litigator, Thomas has special expertise in matters related to the interface between intellectual property and competition law, especially in the information and communications technology sector. He has, for example, advised on competition issues arising in connection with standardization and licensing of on-line music rights. Thomas also advises clients on pure intellectual property issues, including for example copyright levies disputes and questions regarding liability of on-line service providers.



- **Vint G. Cerf, Vice President and Chief Internet Evangelist, Google, a.k.a. the "father of the Internet"**

- Vinton G. Cerf is vice president and chief Internet evangelist for Google. In this role, he is responsible for identifying new enabling technologies to support the development of advanced, Internet-based products and services from Google. He is also an active public face for Google in the Internet world.

Cerf is the former senior vice president of Technology Strategy for MCI. In this role, Cerf was responsible for helping to guide corporate strategy development from the technical perspective. Previously, Cerf served as MCI's senior vice president of Architecture and Technology, leading a team of architects and engineers to design advanced networking frameworks including Internet-based solutions for delivering a combination of data, information, voice and video services for business and consumer use.

Widely known as one of the "Fathers of the Internet," Cerf is the co-designer of the TCP/IP protocols and the architecture of the Internet. In December 1997, President Clinton presented the U.S. National Medal of Technology to Cerf and his colleague, Robert E. Kahn, for founding and developing the Internet. Kahn and Cerf were named the recipients of the ACM Alan M. Turing award in 2004 for their work on the Internet protocols. The Turing award is sometimes called the "Nobel Prize of Computer Science." In November 2005, President George Bush awarded Cerf and Kahn the Presidential Medal of Freedom for their work. The medal is the highest civilian award given by the United States to its citizens. In April 2008, Cerf and Kahn will receive the prestigious Japan Prize.

Prior to rejoining MCI in 1994, Cerf was vice president of the Corporation for National Research Initiatives (CNRI). As vice president of MCI Digital Information Services from 1982-1986, he led the engineering of MCI Mail, the first commercial email service to be connected to the Internet.

During his tenure from 1976-1982 with the U.S. Department of Defense's Advanced Research Projects Agency (DARPA), Cerf played a key role leading the development of Internet and Internet-related packet data and security technologies.

Vint Cerf served as chairman of the board of the Internet Corporation for Assigned Names and Numbers (ICANN) from 2000-2007. Cerf also served as founding president of the Internet Society from 1992-1995 and in 1999 served a term as chairman of the Board. In addition, Cerf is honorary chairman of the IPv6 Forum, dedicated to raising awareness and speeding introduction of the new Internet protocol. Cerf served as a member of the U.S. Presidential Information Technology Advisory Committee (PITAC) from 1997 to 2001 and serves on several national, state and industry committees focused on cyber-security. Cerf sits on the Board of Directors for the Endowment for Excellence in Education, the Jet Propulsion Laboratory Advisory Committee and the Board of the Avanex Corporation. He also serves as 1st Vice President and Treasurer of the National Science & Technology Medals Foundation. Cerf is a Fellow of the IEEE, ACM, and American Association for the Advancement of Science, the American Academy of Arts and Sciences, the International Engineering Consortium, the Computer History Museum, the Annenberg Center for Communications at USC and the National Academy of Engineering.

Cerf is a recipient of numerous awards and commendations in connection with his work on the Internet. These include the Marconi Fellowship, Charles Stark Draper award of the National Academy of Engineering, the Prince of Asturias award for science and technology, the National Medal of Science from Tunisia, the St. Cyril and St. Methodius Order (Grand Cross) of Bulgaria, the Alexander Graham Bell Award presented by the Alexander Graham Bell Association for the Deaf, the NEC Computer and Communications Prize, the Silver

Medal of the International Telecommunications Union, the IEEE Alexander Graham Bell Medal, the IEEE Koji Kobayashi Award, the ACM Software and Systems Award, the ACM SIGCOMM Award, the Computer and Communications Industries Association Industry Legend Award, installation in the Inventors Hall of Fame, the Yuri Rubinsky Web Award, the Kilby Award, the Rotary Club International Paul P. Harris Medal, the Joseph Priestley Award from Dickinson College, the Yankee Group/Interop/Network World Lifetime Achievement Award, the George R. Stibitz Award, the Werner Wolter Award, the Andrew Saks Engineering Award, the IEEE Third Millennium Medal, the Computerworld/Smithsonian Leadership Award, the J.D. Edwards Leadership Award for Collaboration, World Institute on Disability Annual award and the Library of Congress Bicentennial Living Legend medal. Cerf was inducted into the National Inventors Hall of Fame in May 2006.

In December, 1994, People magazine identified Cerf as one of that year's "25 Most Intriguing People."

In addition to his work on behalf of MCI and the Internet, Cerf has served as a technical advisor to production for "Gene Roddenberry's Earth: Final Conflict." and made a special guest appearance on the program in May 1998. Cerf has appeared on television programs NextWave with Leonard Nimoy and on World Business Review with Alexander Haig and Caspar Weinberger. Cerf also holds an appointment as distinguished visiting scientist at the Jet Propulsion Laboratory where he is working on the design of an interplanetary Internet.

Cerf holds a Bachelor of Science degree in Mathematics from Stanford University and Master of Science and Ph.D. degrees in Computer Science from UCLA. He also holds honorary Doctorate degrees from the Swiss Federal Institute of Technology (ETH), Zurich; Lulea University of Technology, Sweden; University of the Balearic Islands, Palma; Capitol College, Maryland; Gettysburg College, Pennsylvania; George Mason University, Virginia; Rovira i Virgili University, Tarragona, Spain; Rensselaer Polytechnic Institute, Troy, New York; the University of Twente, Enschede, The Netherlands; Brooklyn Polytechnic; Marymount University; the University of Pisa; the Beijing University of Posts and Telecommunications and Tsinghua University, Beijing, China.

His personal interests include fine wine, gourmet cooking and science fiction. Cerf and his wife, Sigrid, were married in 1966 and have two sons, David and Bennett.