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The mission of ISOC is to assure the open development, evolution and use of the Internet for the benefit of all people throughout the world. With 8,000+ individual and 150+ organizational members from more than 120 countries, ISOC serves to assure the beneficial, open evolution of the global Internet and its related internetworking technologies. www.isoc.org

Venue



ExpoNova

ExpoNova is the leading exhibition organizer in Scandinavia for IT and Telecom events. In 2000 we are organising more than 15 events. The company was founded in 1996 and since then we have grown to 35 employees with offices in Gothenburg and in Stockholm.



The premier event in the Internet industry

INET 2001: THE INTERNET GLOBAL SUMMIT 11TH ANNUAL INTERNET SOCIETY CONFERENCE

inet 2001
5-8 JUNE 2001 • STOCKHOLM, SWEDEN

STOCKHOLM INTERNATIONAL FAIRS

INET 2001: A Net Odyssey Mobility and the Internet

- ▶ Technology Summit
- ▶ Governance, Legislation and Regulation Summit
- ▶ Uses of the Internet Summit

www.isoc.org/inet2001



Stockholm is built on 14 islands where Lake Mälaren meets the Baltic Sea.

Photographer: Richard Ryan



Welcome to INET 2001

It is my pleasure to welcome you to Stockholm and to INET 2001 – the Internet Society’s 11th Annual INET Conference. Sweden and indeed Scandinavia are truly home to many of the most advanced developments in the wireless and mobile arenas.

The Internet continues to evolve at an astounding pace. In the eleven years since the first INET conference, the Internet has grown from an experimental technology originally used by a few in the research community to a tool that has penetrated even the furthest corners of the globe. For many of us it has become, in these few short years, an essential part of daily life. The theme of this year’s conference, the mobile Internet, reflects this growth.

ISOC has played an important role in this remarkable evolution. Still, real challenges remain. More than half of the world’s population has never made a phone call, let alone connect to the Internet. Throughout the world, the new medium has brought to the fore a host of important issues accompanied often by

vigorous debate. Yet, it is through communication and the spread of knowledge that we can eliminate the real and perceived differences that threaten to separate us, and the Internet empowers us in a way few would have dreamed possible just a few years ago.

The Internet Society strives to be at the forefront of the Internet sector, helping to guide a multi-faceted ‘network’ without imposing rules or regulation. INET 2001 will once again provide a setting where world-renowned leaders in the rapidly evolving world of the Internet will share their thoughts, as well as ambitions and expectations for the future.

I would like to thank all the dedicated volunteers and members who make INET possible: members of the Program Committee, Conference Committee, speakers, sponsors, participants and staff who contribute to making INET a success, many of them year after year.

I hope that you will join us in Stockholm for a stimulating conference, innovative social events and the legendary beauty of Scandinavia.

Greetings from the INET 2001 Conference Co-Chairs

In today’s world, we are increasingly mobile in our businesses and in our private lives. Non-stop access to the Internet is an essential requirement for many professionals today and it is driving the exciting area of Mobile Internetworking.

Similarly, the Mobile Internet is assisting many diverse groups of people throughout the world as they move between homes, workplaces, and international destinations.

INET 2001 promises to be one of the most exciting events of the year, focusing on the critical issues surrounding mobility and the Internet. We have several prominent keynote speakers from leading industry and governing organizations, and a stimulating array of presentations and panels.

The City of Stockholm, built on fourteen islands, shows it’s most beautiful side in the month of June and you’ll be delighted with nearly 20 hours of daylight.

We look forward to seeing you in Stockholm.



Lynn M. St. Amour
President/CEO



Barbara Fraser
INET 2001 Conference Co-Chair
Chief Strategy Office,
Cisco Systems, Inc.



Osten Frånberg
INET 2001 Conference Co-Chair
President, Swedish Chapter of
the Internet Society

Greetings from the program committee!

Welcome to INET 2001! The Internet is no longer a gray fluffy cloud on network topology diagrams. Parts of it are imploding as dotcoms disappear while other areas expand with new technological developments. At the same time, current technology mixes more in the daily lives of people, and more governments, businesses, and NGOs try to shape the path these developments are taking. The conference we have planned represents critical developments in all these areas.

INET 2001 is a unique event that brings together users, policy makers, and technologists.

The program will comprise more than forty sessions, and will feature three plenary meetings covering some of the issues that concern all of us.

No other conference in the world attracts all components and forces that makes today's Internet: those who use it, those who steer it and those who build it! To reflect this, INET 2001 is structured into three Summits:

- The Technology Summit
- The Uses of the Internet Summit
- The Governance and Regulation Summit

Program at a glance

Sheraton Hotel & Towers

Sunday 3 June

15.00 – 19.00 Registration:
Tutorials and INET 2001

Monday 4 June

07.30 – 20.00 Registration:
Tutorials and INET 2001

09.00 – 17.00 Technical Tutorials

Tuesday 5 June

07.30 – 20.00 Registration:
Tutorials and INET 2001

09.00 – 17.00 Technical Tutorials

09.00 – 17.00 DCNS – The Developing
Countries Networking
Symposium

19.00 – 21.00 Opening Reception,
Stockholm City Hall

Stockholm International Fairs

Wednesday 6 June

07.30 – 18.00 Registration: INET 2001

08.30 – 10.30 Opening Plenary Session

10.00 – 18.00 Exhibition Hall Open

10.30 – 11.00 Coffee Break, Exhibition Hall

11.00 – 12.30 Concurrent Sessions

12.30 – 14.00 Lunch break

14.00 – 15.30 Concurrent Sessions

15.30 – 16.00 Coffee Break, Exhibition Hall

16.00 – 17.30 Concurrent Sessions

Thursday 7 June

07.30 – 18.00 Registration: INET 2001

09.00 – 10.30 Opening Plenary Session

10.00 – 18.00 Exhibition Hall Open

10.30 – 11.00 Coffee Break, Exhibition Hall

11.00 – 12.30 Concurrent Sessions

12.30 – 14.00 Lunch break

14.00 – 15.30 Concurrent Sessions

15.30 – 16.00 Coffee Break, Exhibition Hall

16.00 – 17.30 Concurrent Sessions

Friday 8 June

7.30 – 13.00 Registration: INET 2001

09.00 – 10.30 Concurrent Sessions

Information

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Technology Summit **4**

The Technology Summit will be divided into 4 parallel threads, for a total of more than 20 sessions: Two threads are organised "horizontally": one focussing on the Infrastructure Technologies, the other on the Application Technologies. The two other threads are vertically structured and address issues lying at all levels. The first will discuss the Technologies for Mobility. The second is a novelty: for the first time at an INET conference, an entire thread will be dedicated to the IETF (the Internet Engineering Task Force). Five panels will address a selection of the latest developments, and the hottest topics. Examples of sessions that will be offered in these four threads include Wireless Infrastructure, Metadata paradigm for finding information, IPv6 and the wireless world, and content Delivery Networks.

Uses of the Internet Summit **7**

The Uses of the Internet Summit will include sessions on e-commerce, medical knowledge, prize-winning stories from developing countries, community technology centers, education and mobile learning environments, youth on the Internet, and indigenous groups. There will be special Friday sessions on disabilities issues and imagining the future of the Internet.

Governance and Regulation Summit **7**

The Governance Summit will include panels and presentations on content regulation and censorship, intellectual property and peer-to-peer networks, ICANN and a policy slam on Internet development, reports from international organizations and businesses.

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Technology Summit

The Technology Summit will feature more than twenty sessions organized into four thematic threads, each formed of a consistent sequence of four to six sessions.

Two of the four threads follow an architectural model of the Internet technologies where infrastructure topics (media, transmission, switching, routing) on the one hand and applications-related technologies (content-based technologies, multimedia and entertainment applications, but also security issues) are grouped in an horizontal manner.

The two other threads gather topics more horizontally, and may span the entire range of technologies, from the underlying transmission to the end-user application. The first horizontal thread addresses technologies for mobility, the theme of Inet2001. The second horizontal thread is dedicated to the IETF, where a selection of the most notable advances have been made, and will be presented in the form of five challenging panels.

► Infrastructure Technologies Thread

Thread Chairs:

Scott Bradner, Franck Boissiere

The new millennium is probably opening a new era for the underlying infrastructure of the Internet. Not only is the transmission and switching capacity being multiplied by several orders, but also the IP technology is likely to become a key component of the converged telecommunication core systems. This thread addresses several of the key issues associated with these new challenges such as new approaches for routing, quality or service and network engineering or mastering the mix of wireless and wireline Internet.

Internet Dynamics and IP in 3GPP

This session will include 3 papers on various aspects of measuring the dynamics of the Internet and the effects of the dynamic nature of the Net. In addition there will be one paper about the use of IP protocols in 3rd generation cellular networks.

New Approaches to Internet Routing

This special session focuses on the needs, options and emerging solutions for new approaches to routing in the Internet.

Internet Performance and Quality of Service

This session will explore the full range of Internet performance from the restraints of bandwidth limited networks to very high speed research networks. It will also include descriptions of two approaches to supporting predictable quality of service in challenging environments.

Internet Management

This session will combine a paper about understanding how to measure MPLS-based traffic engineering and the resulting quality of service with a paper describing an innovative way to manage and represent wide area networks.

Aspects of Wireless Networking


This session includes a discussion of the use of the emerging Bluetooth personal area networking standard and an examination of the issues in securing wireless access networks.

► Application Technologies Thread

Thread Chairs:

Erik Huizer, Patrik Fältström

Regardless of how much money goes into the fixed or wireless infrastructure, it is the applications that make the Net. The developments that are taking place in the field of applications are at the same time going at an incredible speed as well as very slow. The speed is visible in the new versions and plug-ins for browsers that appear almost every day. Slow, in that e-mail is still very much like it was 10 years ago, and in that we still have no universal solution for a secure Internet. All in all there is much to be said about applications and security, and that is what this thread is all about. The thread aims at a very condensed overview



of some of the existing developments in a few selected fields. Ranging from Classical e-mail and security to trendy applications like Video and Location aware applications.

Go get it! Metadata helps in finding information

With the growth of the Internet and the amount of information on the Net, finding information through simple mammoth centralized search engines that index static information is showing its limitations. More and more of the information is not in textual format but in graphics, video or audio format, or in databases or digital object repositories, so current indexing approaches don't work. Instead, we need to attach metadata to objects and their identifiers, and to have ways of gathering this metadata to support information discovery applications. This session will survey the status of a range of work in these areas.

Where am I and who's with me?

Location dependent services increase in popularity when consumers start to be able to access the Internet from more than one location, and even from devices that move, like cellular phones. Some traditional web-based services today ask the user to enter the location of the user which accesses the service. Why isn't that information entered automatically? How do we merge the need for geographic information being sent to services while keeping a strong view on privacy and integrity issues? This session will discuss the benefits and downsides with geographic information being part of services on the Internet.

Now playing on your home network! Video distribution over the Internet

Distributing video over the Internet is the most quoted killer app for broadband

Internet infrastructures. However video distribution requires careful engineering. Careful network design and clever distribution are needed to minimize delay and jitter. Intelligent compression algorithms are needed to generate quality video over not-so-broadband local loops. This session explores these issues in depth.

On-line Gaming

Lately we have seen a number of new ideas being discussed: peer 2 peer communication, bandwidth and delay constraints, community building, presence information services, localization. For the game community these issues are not new, but instead all are needed in various degrees for an online game. This session will describe how an online game uses the Internet, and why some of the issues listed above are more important than others.

Safe surfing. Security issues

Security has been an issue on the Internet since its conception in the early seventies. There is still no single security "solution" and the danger seems to increase. This session presents some new developments in various security areas.

Instant, reliable, unified, secure, wireless, volume, multi-media messaging

Internet mail has been in operation for more than 25 years and has scaled nearly 100,000 orders of magnitude with no major changes to its basic architecture. The demands of global commerce are forcing a wide range of enhancements to be pursued. Should major changes begin with a new technology base, or can existing Internet mail continue to evolve and incorporate requirements for quality of service (such as "instant" delivery), voice/fax/mail integration, legal security, multi-million

recipient volumes, and more? This session will explore these demands and the activities underway to satisfy them. Some of the news is excellent. Some is not.

► Mobility Technologies Thread

Thread Chairs:

Gabriel Montenegro, Steinar Dalin

This thread attempts to look at the mobility landscape. It being a sparse landscape, we will be somewhat limited. Five sessions explore in different styles and in different themes. We will have futuristic visions, and looks at themes like IPv6 and optimization mechanisms. We will shift our attention from the core of the network to the devices and how to serve content to them, finalizing with a session on operator perspectives. The focus is on wide-area uses of wireless technologies, such as we see in 2.5G and 3G, although, in conjunction with these, local area wireless will also be discussed.

Mobility: Setting the scene and Outrageous opinions panel

We invite one of the original thinkers in computer science to share with us his vision of what the implications with respect to service architectures may be in this new wireless world. This session finishes with a very interesting and controversial panel which questions the need for wireless research.

IPv6 and the wireless world

Mobile IP has received tremendous attention from the cellular telephony industry for use in the next generation networks. These papers explore remaining issues and scenarios in its deployment, with particular attention to IPv6.



Tweaking the Networks

The use of IP technologies in cellular networks requires judicious application of different optimizations. Here are some thoughts on how to better adopt IP technologies

Serving Mobile devices

Supporting mobile devices over IP networks requires careful consideration in terms of content adaptation, privacy and security formats, and, in general, in terms of what the 'wireless internet' is.

Operator Perspective

The operators have the daunting task of deploying cellular technologies that use IP technology. This session discusses operational considerations and experiences.

► IETF Thread

Thread Chair: Fred Baker

Five panel discussions are presented to discuss key work ongoing in the IETF. Intended to inform both lay and technical audiences, these discussions will set forth new service models being used in the Internet and key considerations for its users

Content Delivery Networks

Content Delivery Networks are networks which improve perceived internet performance by storing or caching data close to the people who use it. Far beyond simple web and streaming media caching hierarchies, though, these systems map IP Address to nations, service providers, and data centers. They seek to optimize access as a corporate or service provider offering or as an offering overlaid on a set of service providers. This panel will discuss work ongoing in the IETF to standardize architectures and protocols, with a view to enabling

network managers to make safer and better understood design and purchasing decisions on this volatile technology.

Law Enforcement, Privacy, and the Internet

Increasingly, the Internet is found to undergrid the gross domestic product of nations, and to be viewed as a critical communications infrastructure. It is also being used by common people in their daily life, and by criminals in their activities. As such, nations have found it necessary to apply legal doctrines for the support of law enforcement, including wiretap and document access, in a realm in which people are typically unguarded and frequently regard their communications as private.

This session will review recent legal steps, such as the application of the UK's RIP and US CALEA legislation to the Internet, and requirements by various countries that service providers in them provide specialized access to law enforcement. It will discuss the legal, philosophical, and societal impacts of this technology, and the reasonable concerns of citizens and governments.

Virtual Private Networks

"Virtual Private Networks" is a buzz word used to describe a variety of network types. They have a common surface objective: to provision a network, whether provided by a single service provider or multiple providers, to provide what to a customer appears to be a private network. Current approaches include the use of IPSEC as a tunneling mechanism, other tunnel mechanisms such as L2TP and GRE, MPLS paths with BGP information distribution, and more traditional circuit switch architectures.

This panel will discuss the definition work being done in the IETF. The IETF is looking at the requirements individual VPN approaches must satisfy from a Service

Provider (SP) perspective. Particular attention will be placed on SP requirements for security, privacy, scalability and manageability considering such factors as Service Provider's projections for number, complexity, and rate of change of customer VPNs over the next several years.

International Domain Names

The Internet has grown to encompass a network of communities representing a global mosaic of languages and cultures. The increasing volume of modern business, research and interpersonal communications in non-English languages is a testament to this fact; clearly, ASCII-based domain names have become an anachronism in a multilingual Internet world. However, internationalizing the Domain Name System is no small task, and the consequences of hasty actions are serious.

In response, the IETF has formed the Internationalized Domain Names (IDN) Working Group to ensure the preservation of the universal nature of the Internet while bringing friendlier multilingual domain names. This panel will discuss the technology, the IETF work, and the deployment issues, impacts on applications and the current market.

New Interconnection Architectures

The IETF has clear direction from the IESG to define control plane protocols for optical networks; in fact, it has created several new Working Groups to address "sub-IP" technologies. This session will cover some of these WGs (in particular, IPO, IPORPR, MPLS and CCAMP), their charters, and the progress that each has made.

Government Summit and the Uses of the Internet Summit

► Plenary Session

Quest for Global Self-regulation – Lessons Learned

From new top-level domain names to Napster and hate speech, the Internet raises novel issues in global communications regulation. As people increasingly interact, trade, and work together globally with minimal cost over the Net, such traditional frameworks as national borders, tax and duty, censorship, and copyright are not functioning as effectively as before.

What can we do, then? One answer is self-regulation. But as illustrated by the ongoing controversies over ICANN, most recently in its At-Large director election, achieving effective self-regulation is not an easy task. At this panel, we will examine how much (rough) consensus we have on this self-regulation approach.

► Wednesday concurrent sessions

- U Tales of the Internet: Winning stories from the World Bank contest for developing nations.
- U Creating Online Communities of Medical Knowledge and Trust: Tales from Two Continents
- G Content Regulation: A panel looks at filtering, censorship, and government policies related to information flow.
- U Youth as Collaborators: How are young people from around the world using the net for collaboration in learning and entrepreneurial projects?
- U Urban Design and Cyberspace. Distance is not dead, but new technologies are causing architects and planners to rethink the design of physical and public spaces.
- G Cyberglobal Democracy? Civil society participation in global policy
- U Artists and Activists on the Net. A panel discussion on how artists are using new media for collaboration and activism.

- U Mobility and learning. Presentations on the influence of mobile Internet on learning environments. (description needed)
- G International Organizations: survey of Internet activities by intergovernmental and business organizations such as UNESCO, Global Business Dialogue, EU, and WTO.

Wednesday evening (tentative) Digital Video Evening. A selection of short digital videos and films with comments by some of those ISOC members involved in their creation.

► Thursday concurrent sessions

- U Questioning the Telecenter Movement. Will community technology centers in developing countries address the inequity in access to network tools and resources? Can they be sustained?
- U Education: Three presentations.
- G Slam on Internet development. This experiment was very popular in 2000: a policy slam where anyone has three minutes to voice their opinion about furthering Internet development.
- U Indigenous and Diaspora Groups. There are thousands of different cultures and millions who are displaced from their original homelands. Maori, Sami and Tatar representatives discuss issues related to the Internet and traditional cultures.
- U E-commerce in developing countries: A panel to discuss projects and challenges in emerging economies around the world.
- U Equity of Access: What programs are being put in place to provide more access to tools, jobs, and bandwidth? Reports from Japan.
- U Origin of the Users: An Evolutionary Taxonomy of Internet Users. How are Internet users changing over time?
- G E-commerce case studies

► Friday concurrent sessions

- U E-commerce
- U Disability Issues (first of three sessions on Friday morning and afternoon)

► Friday closing plenary

Debate: Intellectual Property on the Internet. Some will say “intellectual property” is an oxymoron, because the anonymity of users, inexpensive mass storage, and peer-to-peer networks make it impossible to control the conversion and movement of music, graphics, video, and text. Others point to new technologies for copyright protection and stronger agreements on surveillance and enforcement as the means to provide content owners protection and reward.

► Friday After Lunch

- U Imagining future uses of the Internet: experiments, methodologies and visions (two session)

- U = uses
- G = government

For booking see
Registration Form
on page 21

INET'2001 Tutorials

4 – 5 June, Sheraton Hotel & Towers

The Internet Society is offering 11 highly focused tutorials conducted by industry experts from around the world. The tutorials, full of in-depth, practical information on current and emerging technologies, compliment the INET 2001 conference and can be an important part of your professional development. Separate fee required for tutorials.

In addition to the tutorials this year, a Mini-workshop on Gender Issues will be offered on Tuesday, 5 June 2001. The workshop is limited to 20 participants and does not require a separate fee.

► Tutorial 1

Monday, 4 June 2001, 9.00 – 17.30

IP Version 6 Primer

Guy Turcotte, Viagénie, Inc.

IPv6, the next generation IP protocol, is designed to improve scalability, security, ease-of-configuration, and network management. The tutorial includes an overview of IPv6, tools for migrating to IPv6, and steps required to connect to the IPv6 Internet.

The overview of IPv6 includes key features of IPv6 including flexible and scalable address allocation, autoconfiguration, security and mobility. The tutorial will also describe what transition mechanisms are available to help a site in the migration to IPv6. The transition will involve dual-stack IPv4/IPv6 hosts and routers and tunnelling IPv6 in IPv4. Finally, the steps required to connect to the IPv6 Internet will be explained including address configuration, routing, and the registry. Examples will be presented on FreeBSD, Sun, Microsoft Windows and Cisco.

► Tutorial 2

Monday, 4 June 2001, 9.00 – 17.30

Java and Database Connectivity

Simon Brooke, Weft Technologies Ltd.

Java database connectivity (JDBC) provides a common interface to a wide range of databases including Oracle, Informix, MS-SQL, and MSAccess. Combining the Platform independence of Java with the database independence of JDBC gives a very powerful design paradigm. This is a two-section tutorial covering general introduction to Java as well as Java-Database connectivity.

In the first section, attendees will learn to write small Java programs and to make an informed decision as to whether or not these technologies are appropriate for their requirements.

A historical perspective on Java as well as future directions will be included. The second section provides an overview of JDBC design philosophy, architecture, and details such as relevant portions of the Java Development Kit (JDK). This section also contains a walkthrough of examples including connecting to a database, several sample Java development environments, basics of connecting to MSAccess (and example report generation), and emerging JDBC architectures.

► Tutorial 3

Monday, 4 June 2001, 9.00 – 17.30

Electronic and Information Technology Accessibility

Michael Burks, AT&T

Cynthia Waddell, PSINet Consulting Solutions

This tutorial consists of two components. The first provides an overview of general accessibility of electronic and Information technology, including web pages but also some discussion of alternate access devices such as cell phones and personal digital assistants (PDA's). The second component addresses legal and implementation aspects of the Accessibility issues. Concentrating on the U.S. as a model, the tutorial will address both the legal issues and the way this will be implemented in organizations.

► Tutorial 4

Monday, 4 June 2001, 9.00 – 17.30

Legal and Regulatory Issues: A Primer

Anders Janson, ISOC Sweden

Richard Francis, ISOC England

The 1994 Bangemann Report to the European Council identified information and communication technologies as generating a new industrial revolution, leading Europe into the information society age. In 2001 have these new technologies yet estab-



The Old Town is renowned for its picturesque narrow alleys that date from the Middle Ages.

The Stortorget square and Stockholm Cathedral in the Old Town.



lished the foundations of a new international legal and regulatory architecture? Law and regulations for the Internet exist in Europe. Will the instruments used to establish future regulations be found in European directives and legislation enacted by national assemblies, both within the 15 member states and beyond? If found in new Internet industry codes of conduct, how will these be developed and enforced?

An introductory presentation by the tutors will be followed by a panel discussion in the second morning session with representatives from the Swedish legal and business communities and officials from Stockholm and Brussels.

The first afternoon session will examine the European approach to liability of Internet intermediaries for the information content of communications or resources which originate with third parties. A panel of specialist Internet lawyers from England, France and the US will review Articles 12 – 15 EC Directive 2000/31/EC on electronic commerce and the approach adopted by the English and French Courts in the *Demon Internet* and *Yahoo!* cases. Where does the legal liability debate end and the more recent debate about technical aspects of court decisions take over?

The tutorial will conclude with a workshop for Internet intermediaries and their

lawyers led by English ISPs, concerning the work of “abuse teams” and their management

► Tutorial 5

Monday, 4 June 2001, 9.00 – 17.30

E-Business in Practice: “Evolving your business to e-Business”

**Gordon Howell,
Electronic Commerce One**

Electronic Commerce (EC) has been targeted by National Governments worldwide as a strategic issue for the creation of new markets, new points-of-sale, automate trading relationships and redesign their fundamental business operations. This course provides a general management and technical framework to assist companies in planning their evolution to electronic commerce, presenting a step-by-step development plan for adoption of electronic commerce and e-business practice into their business.

Participants will receive a well-rounded overview of EC applications, technology, and specific example systems including secure commerce systems and payment technology. With this foundation, attendees will learn to formulate migration plans and business cases as well as practical development plans. Critical implementation and operational issues and technologies will be emphasized.

► Tutorial 6

Tuesday, 5 June 2001, 9.00 – 17.30

Multiprotocol Layer Switching (MPLS) – Technology and Implementation

Alan Taylor, Juniper Networks, Inc.

Conventional IP forwarding does not provide all the necessary traffic control and separation required for large scale IP service provision. This tutorial explains how Multiprotocol Label Switching (MPLS) avoids these limits while improving functionality and availability. The tutorial consists of four parts, covering conventional routing, MPLS technology and architecture, MPLS-based services, and implementation issues. Attendees with any level of IPv4 experience and with engineering, operations, or management responsibilities will benefit from this tutorial.

► Tutorial 7

Tuesday, 5 June 2001, 9.00 – 17.30

The DNS Security Toolbox (Top Rated Tutorial from INET’2000)

**Bill Manning,
USC Information Sciences Institute**

We review the history of the DNS with an emphasis on the trust model(s) used in the architecture and its instantiation in a common implementation. This model is contrasted with the environment we find ourselves in today. This points out areas of



Enjoy jazz music at Stampen, one of the main jazz clubs in Stockholm, located in the Old Town.

weakness in the model and we will briefly cover some common exploits that take advantage of the DNS. The second section of the session will highlight some steps that people can take to protect the integrity of their information and the tradeoffs with the selection of some alternatives.

The student will learn:

- Common configuration errors
- Why default recommendations exist and the origin of their suggested values
- “Popular” DNS exploits and steps to reduce their impact
- How to be implementing portions of the DNSsec suite of features

► Tutorial 8

Tuesday, 5 June 2001, 9.00 – 17.30

Moving to XML

Simon Brooke, Weft Technology Ltd.

XML (Extensible Markup Language) is rapidly emerging as the “lingua franca” of the Internet and World Wide Web. XML provides mechanisms to embed semantic content within web forms and pages, supporting a range of new intelligent capabilities. This tutorial will provide attendees with a solid grasp of what is XML, its status, and general benefits to using XML. Document Type Definitions (DTD’s) and dialects of XML will be explained, and a hands-on session will give participants opportunity to learn to create a DTD, use XSL, convert legacy data to XML, and use XML for communication between agents.

► Tutorial 9

Tuesday, 5 June 2001, 9.00 – 17.30

Grids and Grid Technologies

Ian Foster, Argonne National Laboratory

Internet computing and Grid technologies promise to change the way we tackle complex problems. They will enable large-scale aggregation and sharing of computational, data and other resources across institutional boundaries. And harnessing these new technologies effectively will transform scientific disciplines ranging from high-energy physics to the life sciences. This tutorial provides an overview of the underlying technical challenges to Grid computing, a survey of technologies addressing these challenges, and examples of large-scale grid computing projects underway throughout the globe.

► Tutorial 10

Tuesday, 5 June 2001, 9.00 – 12.30

Introduction to Streaming Media (half-day)

Carola Forssell, Qbrick

Mats Elmeskog, Qbrick

Jonas Lindberg, Telia

Erik Ekudden, Ericsson

The tutorial gives a introduction of the Streaming Media industry with a business perspective. The tutorial begins with a general introduction, history, and projections for streaming media.

A primer on “stream-enabling” your intranet is included along with examples from advanced industries using streaming media, including entertainment, news, education, and video on demand. The tutorial will provide an overview of streaming media formats and will conclude with a discussion of streaming media in the context of UMTS (3rd Generation mobile phone telephony).

► Tutorial 11

Tuesday, 5 June 2001, 14.00 – 17.30

Building Community Fiber Networks for High speed Internet Access (half day)

Bill St. Arnaud, CANARIE

In this tutorial speakers from Sweden and Canada will provide detailed information on how communities and municipalities can build or contract for their own fiber networks. Attendees will learn how communities can build “condominium” fiber networks that will dramatically reduce the cost of Internet access, provide greater competition and a level playing field for ISPs, and allow the deployment of exciting new high bandwidth applications for schools, hospitals, libraries and government.

Real case examples with costs and technical details will be provided including such famous community fiber builds as the Stockholm Stokab project, the Alberta SuperNet project, the Chicago Civicnet, the Blacksburg Electronic Village, the Ottawa



condominium project, the Quebec RISQ project, etc.

National projects such as those in Sweden and Canada to bring broadband services to every home will also be discussed.

► **The Developing Countries Networking Symposium**

Tuesday, 5 June 2001, 9.00 – 17.30

The Developing Countries Networking Symposium is a one day pre-conference program featuring presentations, critiques and discussions of the issues that confront developing countries in their efforts to narrow the digital divide and provide the benefits of information and communication technologies to their inhabitants.

Discussions will focus upon infrastructure, legal, policy and regulatory issues, investment in human capacity, and education.

These sessions will be of interest to anyone living in developing countries involved with the Internet, to persons in developed countries who have a role in providing support to developing countries, and to persons who have an interest in understanding the dynamics of the implementation of these technology in developing country settings.

► **Mini Workshop**

Tuesday, 5 June 2001, 9.00 – 17.30

Women and Men on the Internet – Myth or Miracle?

Eva R Fåhraeus, University of Stockholm

Yvonne Waern

Sirkku Männikkö

Women and men share the spaces on the Internet on the same premises and in a fully democratic spirit. The reduction of social cues in Computer-Mediated Communication (CMC) is said to democratise communication and result in greater equality. Is this a myth? The purpose of the workshop is to investigate issues related to gender in asynchronous as well as synchronous communication settings, in particular in collaborative distance learning.

This workshop will address a number of issues. How can single-gendered and mixed-gendered groups negotiate informal rules for their communication and when do such negotiations succeed versus fail. How can we take advantage of the fact that differences stimulate? Are there any technical means that facilitate the opportunity of everyone to express her/his opinion? Do we have to instigate particular social protocols? How can we, as participants, leaders or system developers, create a fertile climate for information exchange and a stimulating

communication between all participants, where everybody is allowed to expose her or his own style, personality and aims?

The workshop begins with several research reports, moving to a moderated discussion. Participation is at no charge but limited to 20 persons. Researchers who have studied or plan to study different gender issues in connection with the Internet, especially in learning situations, are encouraged to prepare and submit a position paper by 5 May 2001 to Eva R. Fåhraeus, evafaahr@dsv.su.se.

**For booking see
Registration Form
on page 21**

Sponsor levels and benefits

Five levels of sponsorship are available to INET 2001 sponsors. Benefits are commensurate with level of sponsorship, which is determined by the total of in-kind and cash contributions.

► Primary sponsors

US \$150 000 and above

Sponsors To-Date: ERICSSON

- 100 square metre Exhibition booth, which includes basic furniture, carpeting, one internet connection, and lighting
- 20 complimentary INET 2001 conference registrations
- Complimentary INET 2001 Exhibition Hall Passes for VIP customers
- Organization name and logo printed in the INET 2001 Program Guide
- Organization name and URL, placed on the INET 2001 Website Custom banner with corporate name on conference premises
- Complimentary listing in the On-Site Sponsor Directory, which includes a description of sponsor's organization profile.
- Recognition from the podium by ISOC's President/CEO
- Customs signage at entrance to Exhibition Hall
- Invitation to VIP Sponsorship Reception
- Exclusive Schedule press conference
- 1 page advertisement in "Dagens Industri Complement"

► Patron sponsors

US \$100 000 and above

Skanova and Telia

- One 75 square metre Exhibition booth, which includes basic furniture, carpeting, one internet connection and lighting.
- 15 complimentary INET 2001 conference registrations
- Complimentary INET 2001 Exhibition Hall Passes for VIP customers
- Organization name and logo printed in the INET 2001 Program Guide

- Organization name and URL, placed on the INET 2001 Website
- Complimentary listing in the On-Site Sponsor Directory, which includes a description of sponsor's organization profile.
- Recognition from the podium by ISOC's President/CEO
- Customs signage at entrance to Exhibition Hall
- Invitation to VIP Sponsorship Reception
- Exclusive Schedule press conference
- 1/2 page advertisement in "Dagens Industri Complement"

► Principal sponsors

US \$50 000 and above

IBM, Siemens, WorldCom, Cisco, Alcatel and Infonet

- One 50 square metre Exhibition booth, which includes basic furniture, carpeting, one internet connection and lighting
- 10 complimentary INET 2001 conference registrations
- Complimentary INET 2001 Exhibition Hall Passes for VIP customers
- Organization name and logo printed in the INET 2001 Program Guide
- Organization name and URL, placed on the INET 2001 Website
- Complimentary listing in the On-Site Sponsor Directory, which includes a description of sponsor's organization profile.
- Customs signage at entrance to Exhibition Hall
- Invitation to VIP Sponsorship Reception
- Exclusive Schedule press conference
- 1/4 page advertisement in "Dagens Industri Complement"

► Sustaining sponsors

US \$25 000 and above

mail2web, Stockholm Stad and Tele2

- One 25 square metre Exhibition booth, which includes basic furniture, carpeting, one internet connection and lighting
- 5 complimentary INET 2001 conference registrations
- Complimentary INET 2001 Exhibition Hall Passes for VIP customers
- Organization name printed in the INET 2001 Program Guide (no logo)
- Organization name and URL, placed on the INET 2001 Website
- Complimentary listing in the On-Site Sponsor Directory, which includes a description of sponsor's organization profile.
- Customs signage at entrance to Exhibition Hall
- Invitation to VIP Sponsorship Reception
- Exclusive Schedule press conference

► Contributing sponsors

US \$10 000 and above

EHPT, IP Unplugged, InterPacket Networks, Oracle, Sniffer, Apis Technical Trading and Mobile Media Group

- One 15 square metre Exhibition booth, which includes basic furniture, carpeting, one internet connection and lighting
- 2 complimentary INET 2001 conference registrations
- Organization name printed in the INET 2001 Program Guide (no logo)
- Customs signage at entrance to Exhibition Hall

Past INET Sponsors

The Internet Society recognizes, with appreciation,
the contributions of these past INET sponsors:

3COM
AboveNet Communications
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Bell Canada
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Berkeley Software Design
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Cable and Wireless
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Canadian Marconi
CANARIE
Cayman Systems
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General DataComm
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Global Knowledge Network
Global One
Gouvernement de Quebec
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Gray Associates
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Oracle
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Pacific Telecommunications Council
Performance Systems International
PRC
PriceWaterhouseCoopers
PSINet Europe
Publications Transcontinental Quebec
Telephone
Quebecor Multimedia
RARE
Red Hemisferica de Conocimientos para las
Americas
Republique et Canton de Geneve
Reuters
San Jose State University
SDL Communications
Siemens
Silicon Graphics
Societe Radio Canada
SoftBank Expositions
Sprint
STMicroelectronics
Strategic Information Solutions
Sun Microsystems
SWITCH
Tachyon, Inc.
Teleglobe
Toshiba
Tut Systems
U.S. State Department
Union Bancaire Prive
United Nations Development Programme
University of Geneva
UUNET/PIPEX
VDN Systems
Ville de Geneve
Ville de Montreal
Walnut Creek CD-ROM
Wiley Computer Books
WISeKey
World Bank
WorldCom
World Trade Centers Association



Stockholm City Hall from 1923 is one of the major sights.

Social Program and Optional Tour

► Social Program

Welcome Reception at the Stockholm City Hall.

Tuesday, June 5, 19.00–21.00

Reception hosted by the City of Stockholm and the County Council at the City Hall the venue of the Nobel Prize dinner. A buffet dinner will be served followed by a guided tour of the building.

► Optional Tour

City Tour of Stockholm

Monday, June 5, 13.30 – 16.00

2.5 hours, starts and ends at the Sheraton Stockholm Hotel. SEK 250 per person incl. VAT. Minimum of 25 participants

See the city of Stockholm, situated on 14 islands, with green areas, interesting cultural sights and lots of surrounding water. On the bus tour you will learn about Stockholm's history, the culture and information about shopping, restaurants and current events etc.

During the tour we will also visit the island Gamla Stan (the Old Town) where the history of Stockholm started. It is here that one can find the oldest buildings and streets from the dawn of the city. The narrow, often cobbled, streets have lots of anecdotes, stories and historic events related to them and the guide will both inform you about the history as well as trigger your fantasy.

Cancellation policy for the tour

Cancellation can be made until 1 week prior to the tour. Cancellation made within this limit will be fully refunded. Later cancellation will not be refunded.

The organizer of the tour, Stockholm Convention Bureau, reserves the right to cancel the tour if the minimum number of the participants is not met. Such cancellation is fully refunded.



The changing of the Guards at the Royal Palace.



The 17th century Drottningholm Palace is the permanent residence of the Royal Family.

Registration Information

Save Money – Register early and receive substantial savings!
Please register on: www.isoc.org/inet2001 or by sending the registration form to the conference secretariat.

► Conference Packages and Fees

Standard Conference Fee: 5–8 June 2001

The standard conference fee includes conference materials (program book, abstracts & CD-ROM proceedings), attendance at the plenaries, breakout sessions, exhibition hall entry, coffee breaks and Opening Reception. Conference fees are listed on the registration form.

Conference Passport (All inclusive) 4–8 June 2001

Fee includes the standard conference package plus attendance at the pre-conference events. You must register for Tutorials and Developing Countries Networking Symposium and may attend one pre-conference event per day. Conference also include coffee breaks during the conference.

One-Day-Pass 6, 7 or 8 June 2001

Fee includes standard conference package for the day registered.

Pre-Conference Events

The Developing Countries Network Symposium, and the Technical Tutorials are not included in the INET 2001 Conference fee and are priced individually, unless you register for the Conference Passport (see passport section for additional information). Please register early to ensure that space and material are available to you.

One-Day-Pass includes coffee breaks.

► Discounts

Member Discount

To qualify for the ISOC Member rate, you must have a current membership in the Internet Society in your name. The INET 2001 Non-Member registration fee includes one year of ISOC membership, which begins the first day of the month after the conference. To become a member, see the ISOC web page at: www.isoc.org/isoc/membership

► Confirmation

You will receive an acknowledgement of your registration via email (with valid email address) within 5 business days and a confirmation receipt, via post, within 15 business days.

► Directory of Attendees

The INET 2001 Directory of Attendees will only be posted on the website. Please note that only your name, organization and country will appear in the Directory. If you prefer not to be listed in the directory, please check the appropriate box found on the registration form.

► VAT

Swedish tax legislation requires participants to pay their registration fees either including or excluding Swedish VAT, depending on the country of origin.

- All Participant fees paid by delegates countries outside the European Union – Excl. VAT
- Participant fees paid by companies and other taxable entities within the European Union – Excl. VAT
- Participant fees paid by non-taxable entities (institutions/organisations etc.) and private persons within the European Union - Incl. VAT
- Participant fees paid within Sweden – Incl. VAT

► Payment

Payment Registration may be made in advance by one of the following means:

1. Banker's Draft, which should be sent together with the registration form by regular mail. The Banker's Draft should be purchased at your bank and made out in SEK to Exponova, Attn: INET 2001. Please cross the draft. We regret not being able to accept personal, company or Euro cheques.

2. Transfer to:

*SEB (Skandinaviska Enskilda Banken),
SE-405 08 Göteborg, Sweden,
SWIFT-code: ESSE-SE-SG,
account No. 5045 10 017 37, in SEK to
Exponova, Attn: INET 2001,
Eriksbergstorget 11,
SE-417 64 Göteborg, Sweden.*

3. Diners, Visa or Eurocard/ Mastercard may be used for all charges. Please indicate card number and expiration date on the registration form.

► Cancellations

Cancellation of registration

Notification of cancellation must be sent in writing to Exponova. Cancellations of registrations will be accepted until 8 May 2001 up to which date the total amount will be refunded less SEK 1000 for administrative expenses. We regret that no refunds can be made for cancellations received after 8 May 2001.

► Conference Secretariat

For information concerning Conference arrangements and registration, please contact Exponova Events & Exhibition INET 2001 Eriksbergstorget 11 SE-417 64 Göteborg, Sweden Phone: +46 31 779 36 50 Fax: +46 31 779 36 60 E-mail: inet2001@exponova.se

General Information

► Venue and dates

INET 2001 will take place at the Stockholm International Fairs at Älvsjö, situated approx. 10 kms south of Stockholm, 5 – 8 June 2001. You can get to Älvsjö by taking the commuter train from the central railway station in Stockholm. All trains from platform 13 – 14 will take you to Älvsjö and the train ride takes approx. 8 minutes.

► On site registration in Stockholm

On site registration will start on Sunday 3rd June at the Sheraton Hotel in Stockholm. The registration desk will be open at the Sheraton Hotel during the following hours:

3 June 15.00 – 19.00
4 June 07.30 – 20.00
5 June 07.30 – 20.00

Registration desk and Congress secretariat, located at Stockholm International Fairs, will be open during the following hours:

6 June 07.30 – 18.00
7 June 07.30 – 18.00
8 June 07.30 – 13.00

Please note that the registration at the Sheraton Hotel will be closed from 6 – 8 June.

► Internet Café

An Internet Café will be situated within the Congress venue.

► Badges

Each participant will receive a name badge upon registration. Due to safety requirements all participants are requested to wear their badge during all the Congress activities and social events.

► Information about Stockholm and Sweden

Directory and complete guide to Sweden: www.sweden.com

The city of Stockholm: www.stockholmtown.com

► Passport and Visa

A valid passport is required. Delegates who need a visa for entry to Sweden should apply for a visa in their home country at least three months before the intended date of travel. If in doubt, information can be obtained from your nearest Swedish Embassy, Consulate or from your travel agency.

► Climate and Clothing

The average temperature in June is 18 – 24°C (70°F). Warmer clothing is advisable for the evenings outdoors. Business/evening dress is recommended for evening events. <http://cnn.com/WEATHER/html/StockholmSweden.html>

► Time zone

The time zone in Stockholm is GMT + 1 hour. Please note that during summer the local time is GMT + 2 hours due to daylight saving. Norway and Denmark are within the same time zone, however Finland is GMT + 2 hours (summertime + 3 hours).

► Electricity

The standard voltage in Sweden is 220 volts. Most hotels provide 110 volt outlets for shavers.

► Transportation Information

Airport Transfers

Arlanda Airport is located approximately 42 kilometres from Stockholm.

Train: The Arlanda Express runs between the airport terminals and Stockholm's central train station. The train takes 20 minutes and costs SEK 120 for a one-way ticket. The train has storage facilities for luggage.

Taxi: The driver should offer a fixed price from the airport to the city SEK 350.

Bus: There is a direct bus connection from Arlanda Airport to the City Terminal in Stockholm. The journey takes about 40 minutes and costs SEK 60. A bus leaves every 10 minutes.



Café Opera, one of Stockholm's most famous restaurants and night clubs.



► **Public transportation – Congress Ticket**

At the registration in Stockholm you will be given a personal public transport ticket. This Congress Ticket will give you free transportation on public commuter trains, subways and buses in the Stockholm area during the Congress.

► **Official Airline**

Scandinavian Airlines (SAS) has been appointed Official Airline for this event and offers a special fare in connection with participation. If you are interested in this fare, please contact SAS at one of the telephone numbers listed in the SAS advertisement in this brochure. Quote the reference number SE 0125 when making your reservation.

► **Banking and business information**

Banks are generally open from 9.30 to 15.00, Monday to Friday, although many banks in the city close later. All banks are closed at weekends and on public holidays. There is also a bank in the conference centre.

► **Credit Cards**

American Express, Diners Club, Visa, Master Card and Eurocard are accepted in most hotels, restaurants and shops.

► **Currency**

The Swedish currency is the Swedish Krona (SEK). The approximate exchange rates in February 2001 are:

EURO	=	8.3
GBP	=	13.7
DEM	=	4.2
FRF	=	1.25
ITL	=	0.0042
USD	=	9.52

► **Shops**

Shops are open between 10.00 – 18.00 on weekdays and from 10.00 – 15.00 on Saturdays. Shops in the city centre have extended opening hours, some even open on Sundays between 12.00 – 16.00.

► **Post Offices**

Post Offices are generally open between 9.00 – 18.00.

► **Tax-free Shopping**

Visitors from non-EU countries can reclaim VAT on goods purchased in tax-free shops when leaving the country, either at the airport or at the border. The items may not be used while in Sweden and they must be exported within seven days of purchase. Look for the tax-free sign in shops and remember to ask for the VAT reclaim form at the time of purchase. The shop assistant will ask to see your passport.

► **VAT refund conditions**

Swedish VAT, currently from 12% to 25% may be repaid to foreign enterprises, except companies providing health care, education, banks and insurance companies. Information about recovery of VAT will be available at the Symposium Secretariat.

► **Disclaimer**

The Organizing Committee accept no liability for injuries / losses of whatever nature incurred by participants and / or accompanying persons, nor loss or damage to their luggage and / or personal belongings.



Accommodation

Hotel Information

As a service for the participants, Stockholm Convention Bureau (StoCon) will arrange your hotel accommodation at no extra charge. Since only a limited number of rooms have been reserved in each hotel, StoCon will operate on a - first come-first served - basis. All hotels offer rooms with a private bath/shower/WC, telephone, radio, TV and breakfast facilities. The hotels, except First Hotel Amaranthen, First Hotel Royal Star, Scandic Hotel Malmen and Scandic Sjöfartshotellet, are located within walking distance to the central railway station where the commuter trains leave for the conference venue, the Stockholm International Fairs.

STOCKHOLM CITY MAP

Meeting Points

-  City Terminal for Airport trains and Central Railway Station for commuters to Stockholm International Fairs
-  Stockholm City Hall

Hotels

-  Meriton Hotel & Towers
-  Scandic Royal Plaza
-  Scandic Continental
-  Scandic Sjöfartshotellet
-  Scandic Malmen
-  Euro City Kungälv
-  Euro City Stockholm
-  First Hotel Amaranthen
-  Garden Hotel Stockholm



The Old Town is the medieval heart of Stockholm and a part of the city that is full of life.



► **Sheraton Stockholm Hotel & Towers**

Superior first class

Address: Tegelbacken 6, Stockholm
www.sheratonstockholm.com

► **Scandic Sergel Plaza Hotel**

Superior first class

Address: Brunkebergstorg 9, Stockholm
www.scandic-hotels.com

► **Scandic Hotel Continental**

First class

Address: Vasagatan, Stockholm
www.scandic-hotels.com

► **First Hotel Amaranthen**

Superior tourist class

Address: Kungsholmsgatan 31, Stockholm
www.firsthotels.com

► **Scandic Hotel Malmen**

Tourist class

Address: Götgatan 49-51, Stockholm
www.scandic-hotels.com

► **Scandic Sjöfartshotellet**

Tourist class

Address: Katarinavägen 26, Stockholm
www.scandic-hotels.com

► **Rica City Hotel Kungsgatan**

Tourist class

Address: Kungsgatan 47, Stockholm
www.rica.se

► **Rica City Hotel Stockholm**

Tourist class

Address: Slöjdgatan 7, Stockholm
www.rica.se

► **First Hotel Royal Star**

Tourist class

Address: Mässvägen, Älvsjö (located next to the conference venue)
www.firsthotels.se

► **Comfort Hotel Stockholm**

Tourist class

Address: Kungsbron 1, Stockholm
www.choicehotels.se/Prize/Stockholm

Low budget Hotels and Youth Hostels in Stockholm

For further information about budget hotels, please visit: www.isoc.org/inet2001

Reservation and payments

In order to confirm your room reservation, you are required to give a credit card guarantee on the hotel reservation form. Your hotel costs are to be settled directly with the hotel.

Enquiries/Cancellation

Any enquiries or requests for additional information, changes or cancellations of room reservations are to be addressed directly to StoCon. Cancellations are to be made in writing to StoCon one week prior to arrival at the latest. Failure to cancel a booking will result in the cost of the first night's accommodation being charged to your credit card.

Secretariat for Hotel Reservation & Optional Tour

Stockholm Convention Bureau
Box 6911
SE-102 39 Stockholm, Sweden
Tel: +46 8 546 515 00
Fax: +46 8 546 515 99
E-mail: stocon@stocon.se

Hotel Reservation & Optional Tour

INET 2001, 5 – 8 June 2001, Stockholm Sweden

Family name _____

First Name _____

Company/Organization _____

Mailing address _____

Country _____

Telephone _____

Telefax _____

E-mail _____

Optional Tour

City Tour of Stockholm, June 5

Price SEK/Person 250

No. of Persons _____

Total SEK _____

(code) (050)

Return this form to:

Stockholm Convention Bureau
Box 6911
SE-102 39 Stockholm, Sweden
Fax: +46 8 546 515 99

StoCon's VAT registration number is
SE556127722801

Accommodation

Arrival _____ / _____ Departure _____ / _____

Hotel	Single room	Double room
Sheraton Hotel & Towers	<input type="checkbox"/> 2 185 standard <input type="checkbox"/> 2 485 executive	<input type="checkbox"/> 2 405 standard <input type="checkbox"/> 2 705 executive
Scandic Sergel Plaza	<input type="checkbox"/> 1 992	<input type="checkbox"/> 2 381
Scandic Continental	<input type="checkbox"/> 1 897	<input type="checkbox"/> 2 294
Scandic Sjöfartshotel	<input type="checkbox"/> 1 343	<input type="checkbox"/> 1 801
Scandic Malmen	<input type="checkbox"/> 1 343	<input type="checkbox"/> 1 740
Rica City Kungsgatan	<input type="checkbox"/> 1 296	not available
Rica City Stockholm	<input type="checkbox"/> 1 296	not available
First Hotel Amaranten	<input type="checkbox"/> 1 295 moderate <input type="checkbox"/> 1 495 standard	not available <input type="checkbox"/> 1 735 standard
First Hotel Royal Star	<input type="checkbox"/> 1 198	<input type="checkbox"/> 1 448
Comfort Hotel Stockholm	<input type="checkbox"/> 1 080	not available

In order to confirm your room reservation, you are required to give a credit card guarantee below.

Room rates are given in Swedish Kronor, and valid per room and night, including breakfast buffet, service and a VAT increment of 12%. Taxes or official charges are subject to change without notice.

Payment

**Payment should be made in SEK, payable to Stockholm Convention Bureau.
Please indicate INET 2001 and your name on all money transfers.**

Banker's Draft (Personal or Company cheques cannot be accepted) Charge my creditcard / Hotel reservation guaranteed by my credit card

Bank account, S E B, No 5267-10 066 16, SWIFT-address ESSESESS _____
Credit Card Number

Eurocard/Mastercard _____
Expiry Date:

Diners Club _____
Total SEK

American Express _____
Date

Visa _____
Signature

Conference Registration Form

INET 2001 5 – 8 June 2001, Stockholm Sweden

All registration fee payments are in US\$.
To qualify for ISOC Member rate, you must be a current member.

Family name _____

First Name _____

ISOC Member Number _____

Mr/Ms _____

Organization/Company _____

Mailing address _____

State _____

City _____

Postal/Zip Code _____

Country _____

Telephone _____

Telefax _____

E-mail _____

Cancellation Policy:

All cancellations must be submitted in writing or or email to the conference secretariat. No refunds can be made after 8 May 2001. A USD 100 processing fee will be charged for conference cancellations received on or before 8 May 2001.

Check here if you do NOT wish to have your name, affiliation and country published in the INET 2001 Attendee Directory.

Register online at

<http://www.isoc.org/inet2001> or
<http://www.exponova.com>

Or mail form to:

INET Conference Secretariat
c/o Exponova Events & Exhibitions
Eriksbergstorget 11
S-417 64 Göteborg, Sweden
Tel: +46 31 779 36 00
Fax + 46 31 779 36 60
Email: inet2001@exponova.se

Be sure to check your pre-conference selection for each day

Payments Received on or before 15 April 2001

Payments Received after 15 April 2001

Registration fees EXCL VAT*	USD	USD
<u>Conference passport (all- inclusive 4-8 June 2001)</u>		
<input type="checkbox"/> Internet Society Member	915	1015
<input type="checkbox"/> Non member	985	1080

<u>INET 2001 Conference (5-8 June 2001)</u>		
<input type="checkbox"/> Internet Society Member	499	630
<input type="checkbox"/> Non member	650	795

<u>One-Day Pass (per day fees)</u>		
<input type="checkbox"/> 6 June <input type="checkbox"/> 7 June Internet Society Member	320	320
<input type="checkbox"/> 6 June <input type="checkbox"/> 7 June Non Member	410	410
<input type="checkbox"/> 8 June	Free	Free

<u>Half-Day Tutorials</u>		
<input type="checkbox"/> Member (price per tutorial)	150	175
<input type="checkbox"/> Non-Member (price per tutorial)	175	225

<u>Full-Day Tutorials</u>		
<input type="checkbox"/> Member (price per tutorial)	275	340
<input type="checkbox"/> Non-Member (price per tutorial)	340	425
<input type="checkbox"/> Exhibition only	Free	Free
<input type="checkbox"/> DCNS – ISOC Member	70	100
<input type="checkbox"/> DCNS – Non-Member	95	140

Registration fees INCL VAT**	USD	USD
<u>Conference passport (all- inclusive 4-8 June 2001)</u>		
<input type="checkbox"/> Internet Society Member	1144	1273
<input type="checkbox"/> Non member	1236	1355

<u>INET 2001 Conference (5-8 June 2001)</u>		
<input type="checkbox"/> Internet Society Member	631	776
<input type="checkbox"/> Non member	815	1000

<u>One-Day Pass (per day fees)</u>		
<input type="checkbox"/> 6 June <input type="checkbox"/> 7 June	407	407
<input type="checkbox"/> 8 June	Free	Free

<u>Half-Day Tutorials</u>		
<input type="checkbox"/> Member (price per tutorial)	184	223
<input type="checkbox"/> Non-Member (price per tutorial)	223	276

<u>Full-Day Tutorials</u>		
<input type="checkbox"/> Member (price per tutorial)	342	421
<input type="checkbox"/> Non-Member (price per tutorial)	421	526
<input type="checkbox"/> DCNS – ISOC Member	90	125
<input type="checkbox"/> DCNS – Non-Member	125	175

* Any VAT increment will be specified in the confirmation letter

** Swedish participants and private persons within European Community

Social Program for Participants and Accompanying person:

Name of Accompanying person: _____

5 June Welcome reception – City Hall incl in the fee yes no

I agree, for the purpose of the congress organization, to have my personal data registered in Exponova's computer system.

Date: _____ Signature: _____

Payment Method

Credit Card. Charge to my: Visa Diners Master Card Wire Bank Transfer: You must indicate family and first names and INET 2001 on the transfer

Credit Card Number _____ Date of Transfers _____

Expiry Date: MM YY _____ Issuing Bank _____

Name of Cardholder _____

Total USD _____

ExpoNova VAT No. SE556242-8317-01
Bank Account, S-E-Banken,
405 08 Göteborg,
No. 5045 10 017 37
SWIFT Address ESSE-SE-SG

Primary Registrant's Profile Information

Please take a moment to answer the questions below.

Family name

First Name

ISOC Member Number

Mr/Ms

Organization/Company

Mailing address

State

City

Postal/Zip Code

Country

Telephone

Telefax

E-mail

Which Program Theme are you interested in?

(Please check no more than 2.)

INET 2001 Program Themes

- THEME #1: *Technology summit
- THEME #2: *Governance, Legislation and Regulation Summit
- THEME #3: *Uses of the Internet Summit

Organization: (Please check one)

- Manufacturing (non-computer)
- Telecommunications Carrier
- Hardware/Software/Manufacturing Producer/Distributor
- Publishing/Broadcast/Media
- Education
- Financial
- ISP
- Health/Medical
- Government
- Other (specify) _____

Job Function: (Please check one)

- President/Chair/CEO/COO
- Vice President/Other Officer
- CTO/CIO
- Network Mgr/Network Admin Director
- Managing/Deputy/Assoc/Exec
- Professor/Associate/Assistant/Educator
- Manager/Gen Mgr/Sr Mgr/Project
- Mgr/Section Mgr
- Sales/Marketing
- Engineer/Programmer/Systems Analyst
- Internet/Intranet/Web Mgmt
- Research/Research Assistant
- Other (specify) _____

What are your reasons for attending INET 2001?

(Please check no more than 5)

- Reputation of past INET Conferences
- Paper accepted for presentation
- Program Topics
- Attend Internet-Related Meetings (i.e. APNIC, CCIRN, APNG, etc.)
- Stockholm location
- Attend Workshops
- Cost of Conference
- Attend Tutorials
- Time of year
- See specific exhibitors
- Attend conference
- Develop technical expertise
- Gain practical information
- Network with other attendees

If your organization is a non-profit, what is your Organization's budget size?

(M = million; B = billion; U.S.\$) (please check one)

- Less than \$10M
- \$10M - \$99M
- \$100M - \$2B
- >\$2B

If your organization is a non-profit, what is your Organization's Annual Revenue/Turnover?

(M = million; B = billion; U.S.\$) (please check one)

- Less than \$10M
- \$10M - \$99M
- \$100M - \$2B
- >\$2B

What is your role in purchasing internet/information technology?

- Recommend Products/services
- Authorize Purchases
- Specify/determine needs
- No specific purchase role

In the next 12 months, does your Organization plan to Purchase any of the following products?

- HTML or other editing Software
- Server Software
- Java-based authoring tools
- Email
- Browsers
- Video conferencing software
- VRML/Live 3D Products
- Internal USENET
- Shockwave applications
- Security/Firewall products
- Database Connectivity
- Web Servers
- Forms applications
- ISDN
- Streaming media
- T1 or fractional T1
- Active x-based authoring tools
- ISP's and/or SLIP/PPP connections
- Chat/BBS products
- Wireless communications
- Multiuse connectivity products
- Bridges, routers, gateways, & hubs
- Internet Servers
- Dedicated subscriber lines
- Ehternet
- Access greater than T1
- Other Network Servers
- WAN's
- ATM backbones
- Secure transaction/encryptions
- Credit card services

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