

PANEL (FI Seminar):

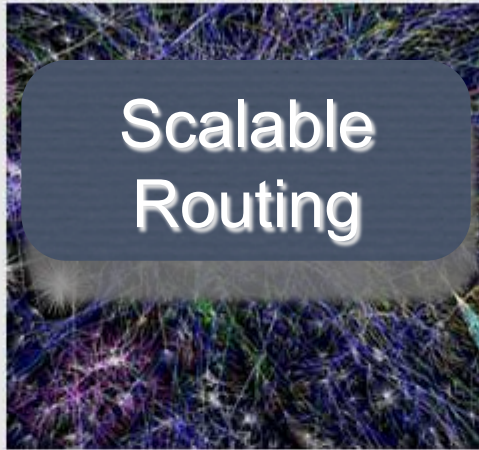
Is the future now?

FI SRA (2008)- Present Problems

Unwanted
traffic



Scalable
Routing



Mobility &
Multi-homing



Resources &
Compensation



Privacy &
Attribution



Trust &
Reputation



FI SRA (2008)- Future Challenges



Information
Networking




Usage
Patterns



Socio-
Economics



Autonomy &
Resilience



Energy
Consumption



Shifting
Bottlenecks

Seminar: Is the future now?

- › The TIVIT FI Research Program has now run for 4 years and we can now BOTH look back AND look forward and WONDER whether we - together with numerous Future Internet labeled “Research” projects Globally - have arrived to the “FUTURE INTERNET” era.
 - What did we achieve?
 - Did we miss something?
 - What remains to be done?
 - How should we continue?
 - Etc.

Panelists - Markus Isomäki

- › Markus Isomäki is a Senior Technology Manager in Nokia's Compatibility and Industry Collaboration unit.
- › Markus has an MSc degree from Helsinki University of Technology.
- › He is responsible for IETF and related Internet protocol standards development in Nokia.
- › His main interests at the moment include Web application performance and Internet connectivity for constrained devices.
- › He has contributed for various Internet standards over the last 15 years, especially in the IETF.

Panelists - Jonne Soininen

- › Jonne Soininen is the Head of Standardization Strategy at Renesas Mobile.
- › In his role, Jonne is responsible for standardization strategy in Renesas Mobile.
- › In the standardization front, Jonne has been active in Thirds Generation partnership project (3GPP), the Open Mobile Alliance (OMA) - in both of them in various working groups and roles.
- › The main activities, however, have been at in the Internet Engineering Task Force (IETF) being active especially in mobility and IP related topics, and serving in different roles in the organization.
- › In the Internet Governance and policy front Jonne has been active in the Internet Society, the Internet Governance Forum, and the Internet Corporation for Assigned Names and Numbers recently have served a year term as as the Technical Liaison Group liaison tothe ICANN board.

Panelists - Hannes Tschofenig

- › Hannes Tschofenig lives in Finland and is employed by Nokia Siemens Networks (NSN). In his last 10 years of IETF involvement he has been interested in security, privacy, and emergency services.
- › For his work in the area of IP-based emergency services he received the 'Outstanding Vision for 112' award from the European Emergency Number Association (EENA) and later even became the co-chair of the EENA Next Generation 112 Technical Committee.
- › He contributed to the technical specifications developed within the National Emergency Number Association (NENA), is a contributor to the work in the ECRIT as well as the IETF GEOPRIV working group, and co-chairs the Emergency Services Workshop series.
 - Hannes co-chaired the IETF ECRIT working group from 2005 to early 2010.
- › He has published several articles on emergency services, including an article on 'Emergency Services for Internet Multimedia' in the December 2010 edition of the IP Protocol Journal and a CACM article on 'Security Risks in Next-Generation Emergency Services' from November 2011.
- › Hannes co-chaired the IETF Provisioning of Symmetric Keys (keyprov) and the Diameter Maintenance and Extensions (dime) working groups. Currently he co-chairs the Web Authorization Protocol (OAuth) working group developing solutions for secure and privacy-friendly data sharing on the Internet.
- › Hannes frequently gives talks about various security and privacy related topics and is a Certified Information Privacy Professional/Europe (CIPP/E) and US (CIPP/US) of the International Association of Privacy Professionals (IAPP).
- › As an active participant with over 40 RFCs he likes to work with others in different areas in the IETF. He is a member of the Internet Architecture Board.