IRTF Update

Lars Eggert
IRTF Chair
IETF-97, Seoul, South Korea

(See IETF-97 IRTFOPEN meeting materials for full report)

IRTF Meetings This Week

Ten RGs are meeting this week; one proposed RG is meeting

- Crypto Forum (**CFRG**)
- Human Rights Protocol Considerations (**HRPC**)
- Internet Congestion Control (**ICCRG**)
- Information-Centric Networking (**ICNRG**)
- **Measurement and Analysis for Protocols** (**MAPRG**)
- Network Function Virtualization (**NFVRG**)
- Network Management (**NMRG**)
- Network Coding (**NWCRG**)
- Software-Defined Networking (**SDNRG**)
- Thing-to-Thing Research Group (**T2TRG**)
- Proposed Network Machine Learning (**NMLRG**)

Other IRTF-related meetings

- **IRTF Open Meeting** Monday, 15:50
- Review of **HRPC** with the IAB

New!

MAPRG

- The Measurement and Analysis for Protocols Research Group Research Group ([MAPRG](#)) aims to provide a forum for interchange between these two communities, supporting:
  - exchange of measurement-derived insight;
  - discussion of techniques and best practices for measurement relevant to protocol engineering and network operations;
  - collaborations to share data supporting these measurements; and
  - a "landing pad" for the Internet measurement community to introduce its efforts to the [IETF](#).
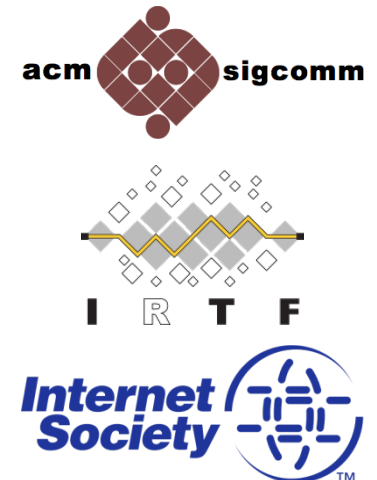
Research Group News

- **HRPC**
  - First RG doc (draft-irtf-hrpc-research) going into Last Call; reviews appreciated
- **GAIA**
  - Academic workshop http://dsg.ac.upc.edu/gaia-cn-ws
  - "Development of local networking infrastructures using cooperative & open-access mgmt schemes"
  - January 26–27, 2017, Cambridge, UK

Applied Networking Research Workshop 2017

- Academic, peer-reviewed
- Collocated with IETF-99 in Prague, Czech Republic on **Sat, July 15**
- TPC chairs:
  - Renata Teixiera, INRIA
  - Jörg Ott, TU Munich
- Open access proceedings
- CFP should be out shortly

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Applied Networking Research Prize

- Jointly with ISOC

- <u>53</u> nominations for 2016

- Selection committee of IETF, IRTF, past winners

- Six prize winners for 2016

- Talks at the IRTF Open Meeting

"...awarded for recent results in applied networking research that are relevant for transitioning into shipping Internet products and related standardization efforts..."

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ANRP Awards at IETF-97

Olivier Tilmans for the Fibbing architecture that enables central control over distributed routing

Stefano Vissicchio, Olivier Tilmans, Laurent Vanbever and Jennifer Rexford. **Central Control Over Distributed Routing.** Proc. *ACM SIGCOMM*, London, UK, August 2015.

Benjamin Hesmans for enabling applications to control how Multipath TCP transfers data

Benjamin Hesmans, Gregory Detal, Sebastien Barre, Raphael Bauduin and Olivier Bonaventure. **SMAPP: Towards Smart Multipath TCP-enabled APPlications.** Proc. *ACM CoNEXT,* Heidelberg, Germany, December 2015.

Welcome, Allison!

Allison Mankin is an Internet protocol lead and researcher based in the Washington DC area, and holds the position of Senior Director, Public DNS, at Salesforce. She has a long history in and around the IETF and IRTF, including serving as Nomcom Chair, Transport AD (most recently stepping down in 2006), and IPng AD. In the IRTF, she chaired the Reliable Multicast RG and then moved it to the IETF as the RMT WG. She has worked in a diverse set of industry, academic and government settings. Some of her positions prior to Salesforce were at Verisign, JHU Applied Physics Lab, the US National Science Foundation (NSF), Bell Labs, and USC/ISI. As a program director at the US NSF, Allison was a leader of the Future Internet Design (FIND) program, which initiated the funding of info-centric networking and also played an early role in software-defined networking.