

IRTF Open Meeting

Lars Eggert

IRTF Chair

IETF-94, Yokohama, Japan

IRTF IPR Policy

The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules. This is a summary of these rules as they relate to IRTF research group discussions, mailing lists and Internet Drafts:

- If you include your own or your employer's IPR in a contribution to an IRTF research group, then you must file an IPR disclosure with the IETF.
- If you recognize your own or your employer's IPR in someone else's contribution and you are participating in the discussions in the research group relating to that contribution, then you must file an IPR disclosure with the IETF. Even if you are not participating in the discussion, the IRTF still requests that you file an IPR disclosure with the IETF.
- Finally, the IRTF requests that you file an IPR disclosure with the IETF if you recognize IPR owned by others in any IRTF contribution.

The IRTF expects that you file IPR disclosures in a timely manner, i.e., in a period measured in days or weeks, not months. The IRTF prefers that the most liberal licensing terms possible are available for IRTF Stream documents, see RFC 5743. You may file an IPR disclosure here: <http://www.ietf.org/ipr/file-disclosure>

See RFC 3979 (BCP 79) for definitions of "IPR" and "contribution" and for the detailed rules (substituting "IRTF" for "IETF").

Administrativa

- **Today's slides**

- <https://datatracker.ietf.org/meeting/94/materials.html#irtf>

- **Remote participation**

- <https://www.ietf.org/meeting/94/remote-participation.html>

- **Mailing lists**

- <https://irtf.org/mailman/listinfo/irtf-announce>
- <https://irtf.org/mailman/listinfo/irtf-discuss>

IRTF Open Meeting Agenda

Tuesday, 17:10-18:40

17:10 **State of the IRTF**

Lars Eggert

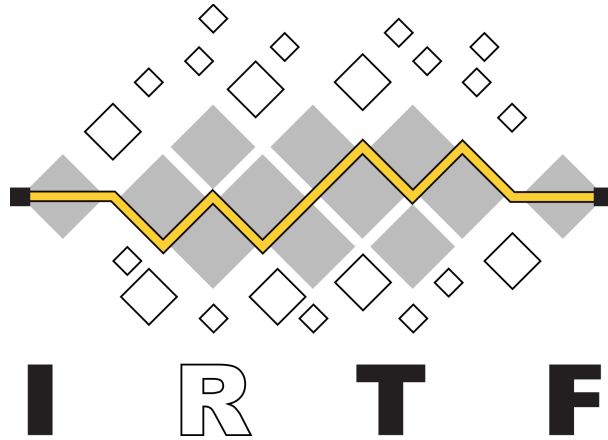
Applied Networking Prize 2015 (ANRP) Awards

17:20 **How Speedy is SPDY?**

Xiao Sophia Wang

18:00 **DNSSEC and its Potential for DDoS
Attacks: A Comprehensive
Measurement Study**

Roland van
Rijswijk-Deij



State of the IRTF

IRTF Meetings This Week

Five RGs are meeting this week; four proposed RGs are meeting

- Crypto Forum (**CFRG**)
- Information-Centric Networking (**ICNRG**)
- Network Function Virtualization (**NFVRG**)
- Network Management (**NMRG**)
- Software-Defined Networking (**SDNRG**)

Other IRTF-related meetings

- **IRTF Open Meeting**
Tuesday, 17:10
- Review of **SDNRG** with the IAB

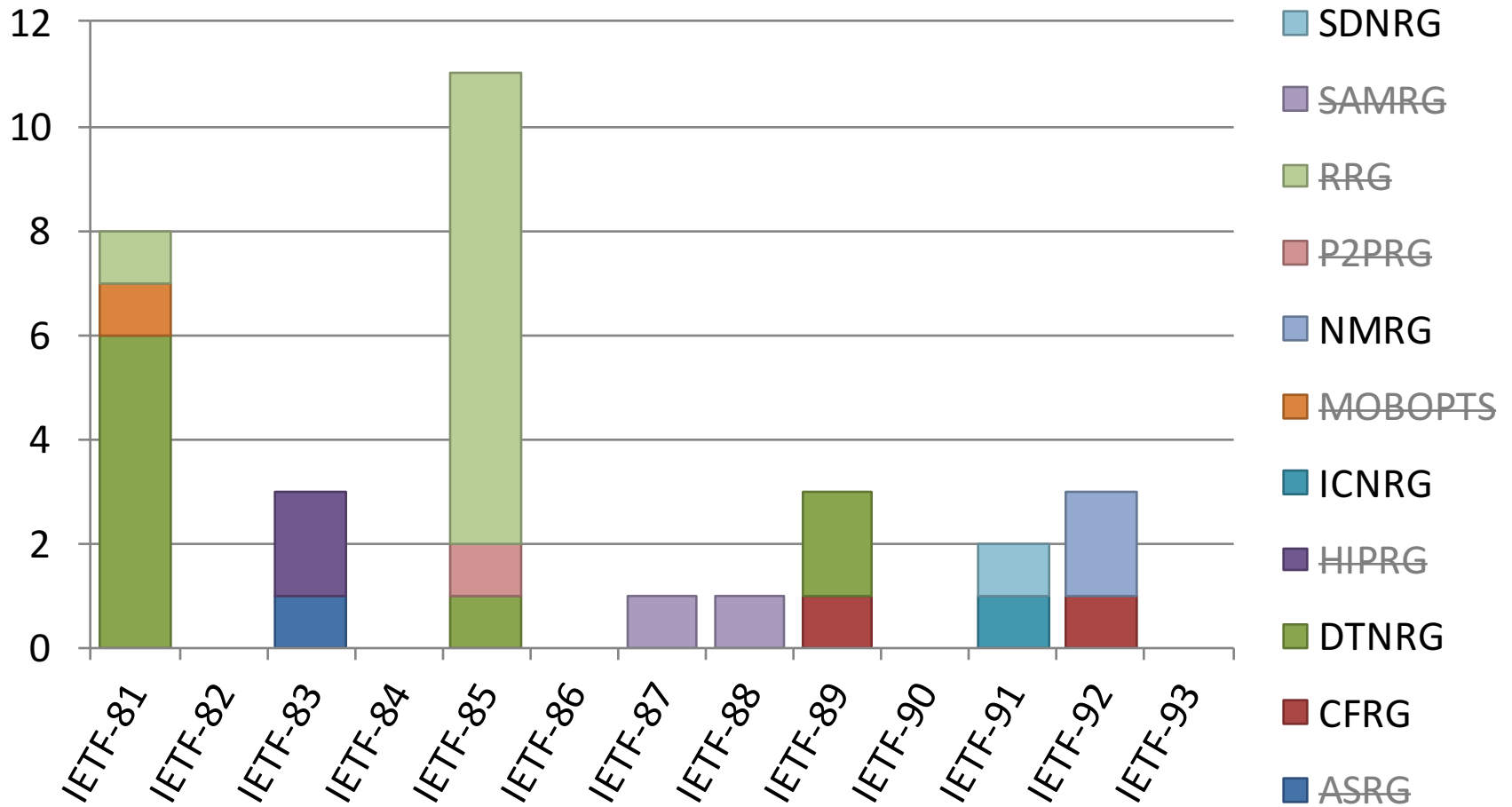
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- Proposed How Ossified is the Protocol Stack? (**HOPSRG**)
 - Proposed Human Rights Protocol Considerations (**HRPC**)
 - Proposed Network Machine Learning (**NMLRG**)
 - Proposed Thing-to-Thing (**T2TRG**)

Research Group Status

(subjective)

- **Active**
 - CFRG, GAIA, ICNRG, NFVRG, SDNRG
- **Little activity**
 - DTNRG, ICCRG, NMRG, NWCRG
- **Proposed**
 - HOPSRG, HRPC, T2TRG, NMLRG

IRTF Stream RFC Publications



IRTF RFCs since IETF-90 (not 91)

- **SDNRG**
 - **RFC 7426** on Software-Defined Networking (SDN): Layers and Architecture Terminology
- **ICNRG**
 - **RFC 7476** on Information-Centric Networking: Baseline Scenarios
- **CFRG**
 - **RFC 7539** on ChaCha20 and Poly1305 for IETF Protocols
- **NMRG**
 - **RFC 7575** on Autonomic Networking: Definitions and Design Goals
 - **RFC 7576** on General Gap Analysis for Autonomic Networking

IRTF & ISOC Workshop on Research and Applications of Internet Measurements (RAIM)

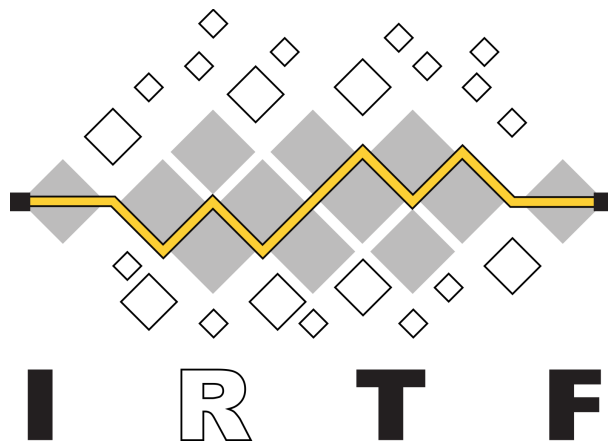
in Cooperation with **ACM SIGCOMM**



Saturday, October 31, 2015
Yokohama, Japan

Call for participation

To increase collaboration between industry and academia in the field of networking, the **Internet Research Task Force (IRTF)** and the **Internet Society (ISOC)** in cooperation with **ACM SIGCOMM** are organizing a workshop on Research and Applications of Internet Measurements (RAIM), scheduled for the Saturday in between the **2015 ACM SIGCOMM Internet Measurement Conference (IMC)** in Tokyo and the **94th Internet Engineering Task Force (IETF) meeting** in Yokohama.



Applied Networking Research Prize Awards & Presentations

Applied Networking Research Prize

- Jointly with ISOC, additional support by Comcast
- 33 nominations for 2015
- Selection committee of IETF, IRTF, past winners
- Five prize winners for 2015
 - **Xiao Sophia Wang**
 - **Roland van Rijswijk-Deij**
- 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...”

Nomination period for 2016 open until Nov 6!

<http://irtf.org/anrp>

Corporate ANRP Support

- Comcast has again offered to support the ANRP for 2016
- **THANK YOU!**
- We're open for additional corporate support
- Contact **anrp@irtf.org**



"We like the Applied Network Research Prize because it encourages novel research that helps companies like Comcast and our partners build better Internet services and technologies for end users, and helps the community move important standards work into deployable technology more effectively."

Jason Livingood, VP Internet Services