

IRTF Open Meeting

Lars Eggert

IRTF Chair

IETF-91, Honolulu, HI, USA

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/91/materials.html#session.group-irtfopen>

- **Remote participation**

- <https://www.ietf.org/meeting/91/remote-participation.html>

- **Mailing lists**

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

IRTF Open Meeting Agenda

Tuesday, 9:00-11:30

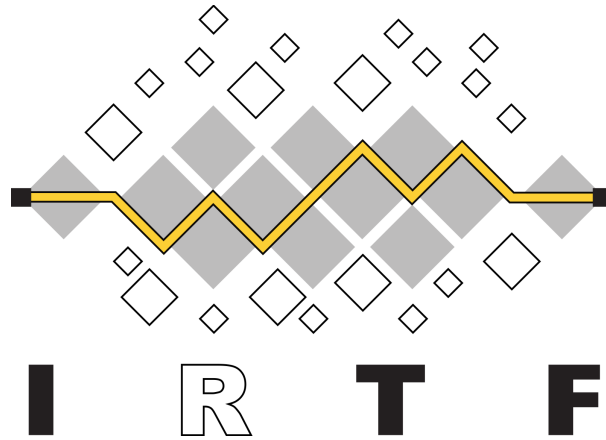
9:00 **State of the IRTF** Lars Eggert

Applied Networking Prize 2014 (ANRP) Awards

9:15 **On the Risk of Misbehaving RPKI Authorities** Sharon Goldberg

10:00 **Scalable Matching and Ranking for Network Search** Misbah Uddin

10:45 **Reducing Web Latency: the Virtue of Gentle Aggression** Tobias Flach



IRTF

State of the IRTF

IRTF Meetings This Week

Four RGs are meeting this week; two proposed RGs are meeting

- Software-Defined Networking (**SDNRG**)
 - Information-Centric Networking (**ICNRG**)
 - Internet Congestion Control (**ICCRG**)
 - Network Coding (**NMRG**)
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- Proposed Datacenter Latency Control (**DCLCRG**)
 - Proposed Network Function Virtualization (**NFVRG**)

Other IRTF-related meetings

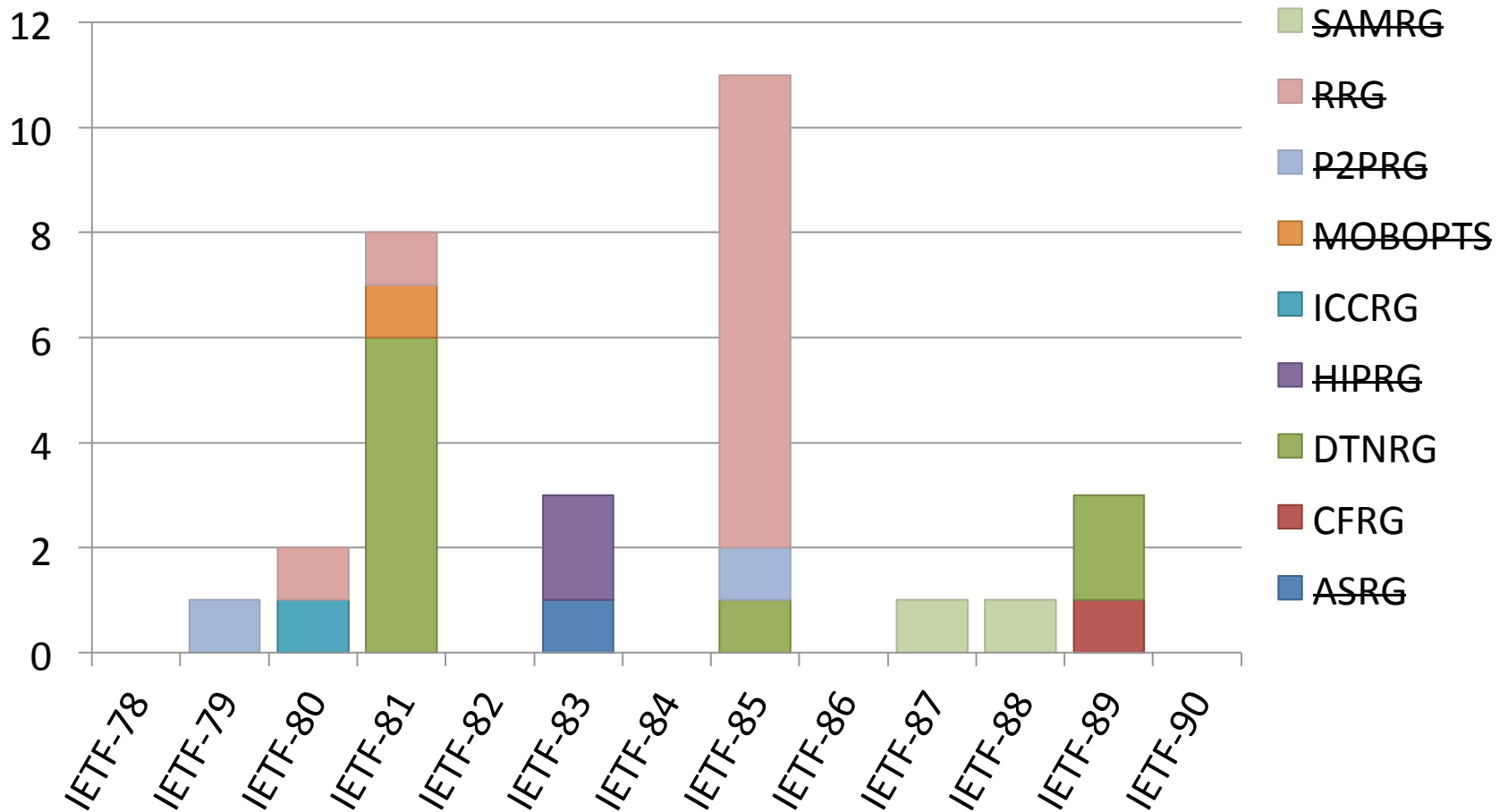
- **IRTF Open Meeting**
Tuesday, 9:20
- Review of the **NWCRG** with the IAB

Research Group Status

(subjective)

- **New**
 - GAIA
- **Active**
 - CFRG, ICNRG, NMRG
- **Little activity**
 - DTNRG, ICCRG, NWCRG, SDNRG
- **Proposed**
 - DCLCRG, NFVRG

IRTF Stream RFC Publications



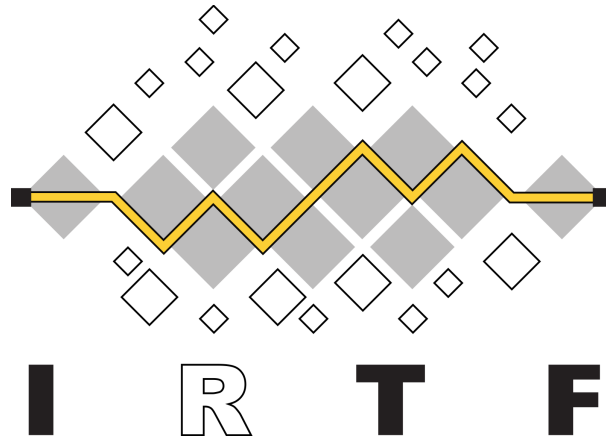
IRTF RFC Publications since IETF-89

- **DTNRG**

- **RFC 7122** on Datagram Convergence Layers for the Delay- and Disruption-Tolerant Networking (DTN) Bundle Protocol and Licklider Transmission Protocol (LTP)
- **RFC 7242** on Delay-Tolerant Networking TCP Convergence-Layer Protocol

- **CFRG**

- **RFC 7253** on The OCB Authenticated-Encryption Algorithm



Applied Networking Research Prize Awards & Presentations

Applied Networking Research Prize

- Jointly with ISOC
- 46 nominations for 2014 (record!)
- Selection committee of IETF, IRTF, past winners
- Six prize winners for 2014
 - **Sharon Goldberg**
 - **Misbah Uddin**
 - **Tobias Flach**
 - Robert Lychev
 - Kenny Paterson
 - Keith Winstein
- 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 starting in spring/summer of 2015

Corporate ANRP Support

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



COMCAST

"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

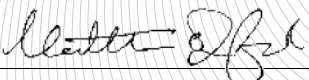
Applied Networking Research Prize



Presented to
Sharon Goldberg



Danny Cooper, Ethan Heilman, Kyle Brogle, Leonid Reyzin and Sharon Goldberg. **On the Risk of Misbehaving RPKI Authorities**. Proc. ACM Workshop on Hot Topics in Networks (*HotNets-XII*), College Park, MD, USA, November 2013.



Mat Ford, Internet Society



Lars Eggert, IRTF Chair

Applied Networking Research Prize



Presented to
Mishab Uddin



Misbah Uddin, Rolf Stadler and Alexander Clemm. **Scalable Matching and Ranking for Network Search**. Proc. *International Conference on Network and Service Management (CNSM)*, Zürich, Switzerland, October 2013.



Mat Ford, Internet Society



Lars Eggert, IRTF Chair

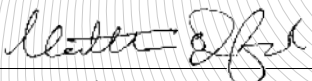
Applied Networking Research Prize



Presented to
Tobias Flach



Tobias Flach, Nandita Dukkipati, Andreas Terzis, Barath Raghavan, Neal Cardwell, Yuchung Cheng, Ankur Jain, Shuai Hao, Ethan Katz-Bassett, Ramesh Govindan. **Reducing Web Latency: the Virtue of Gentle Aggression.** Proc. ACM SIGCOMM, Hong Kong, China, August 2013.



Mat Ford, Internet Society



Lars Eggert, IRTF Chair