

IRTF Open Meeting

Lars Eggert

IRTF Chair

IETF-96, Berlin, Germany

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/96/materials.html#irtf>

- **Remote participation**

- <https://www.ietf.org/meeting/96/remote-participation.html>

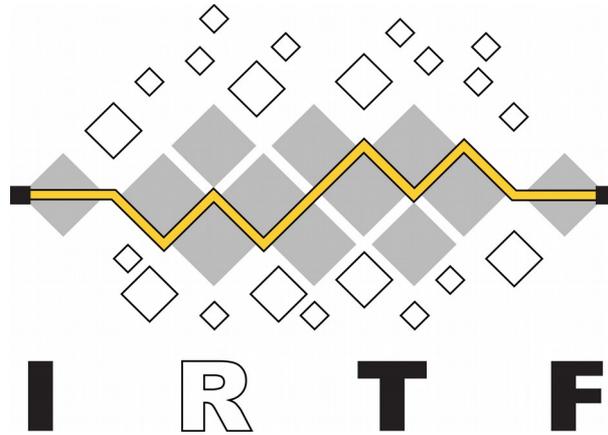
- **Mailing lists**

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

IRTF Open Meeting Agenda

Tuesday, 10:00-12:30

| | | |
|--|--|-------------|
| 10:00 | State of the IRTF | Lars Eggert |
| Applied Networking Prize 2016 (ANRP) Awards | | |
| 10:15 | Characterizing IPv4 Anycast Adoption and Deployment | Dario Rossi |
| 11:00 | How Secure and Quick is QUIC? Provable Security and Performance Analyses. | Samuel Jero |



State of the IRTF

IRTF Meetings This Week

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

- Crypto Forum (**CFRG**)
- Global Access to the Internet for All (**GAIA**)
- Human Rights Protocol Considerations (**HRPC**)
- Internet Congestion Control (**ICCRG**)
- Information-Centric Networking (**ICNRG**)
- Network Function Virtualization (**NFVRG**)
- Network Management (**NMRG**)
- ~~Thing-to-Thing Research Group (**T2TRG**)~~
- **Joint SDNRG/NFVRG/NMRG meeting**
- Proposed Measurement and Analysis for Protocols (**MAPRG**)
- Proposed Network Machine Learning (**NMLRG**)

Other IRTF-
related meetings

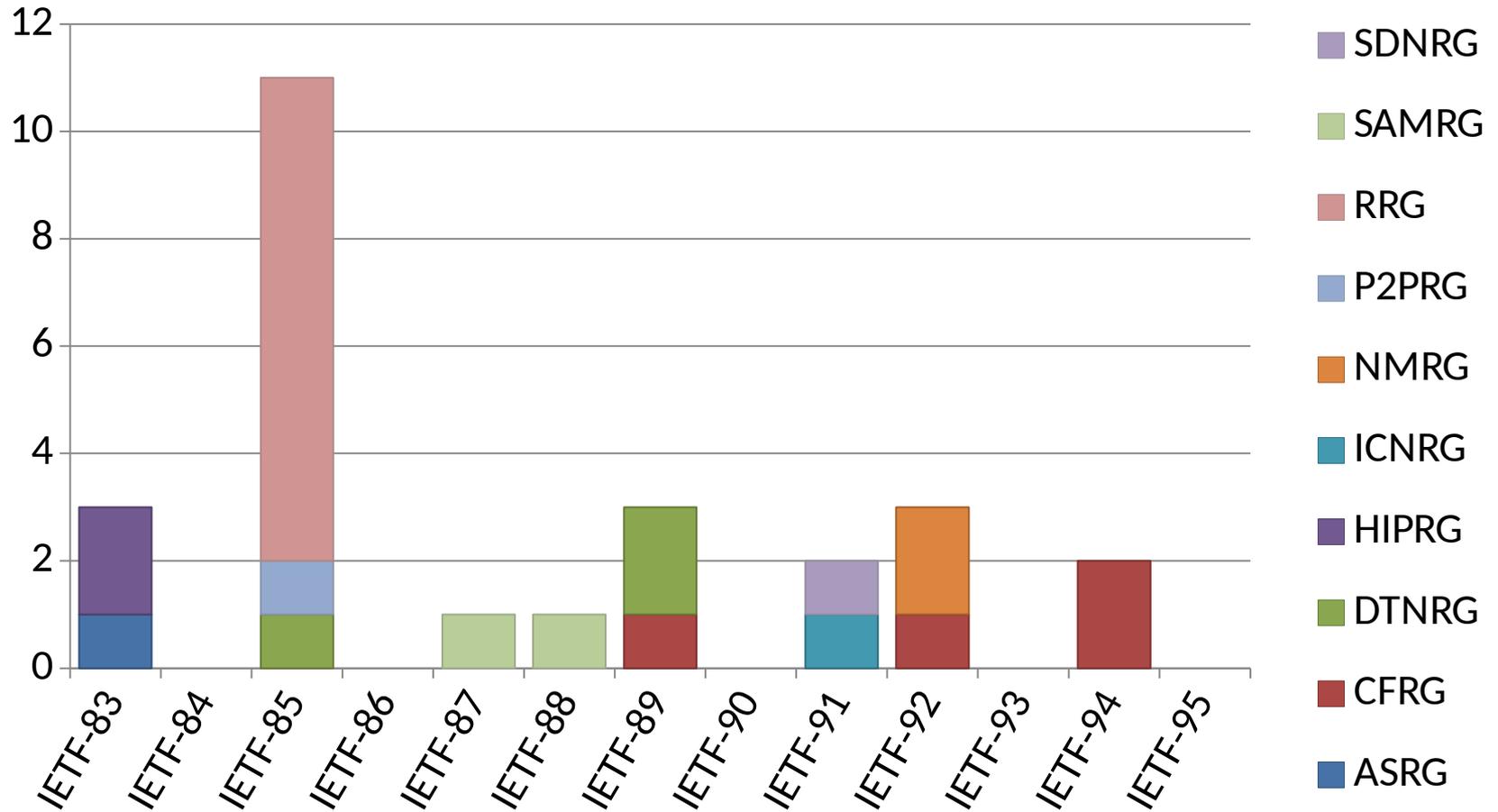
- **IRTF Open Meeting**
Tuesday, 10:00
- Review of **GAIA** with the IAB

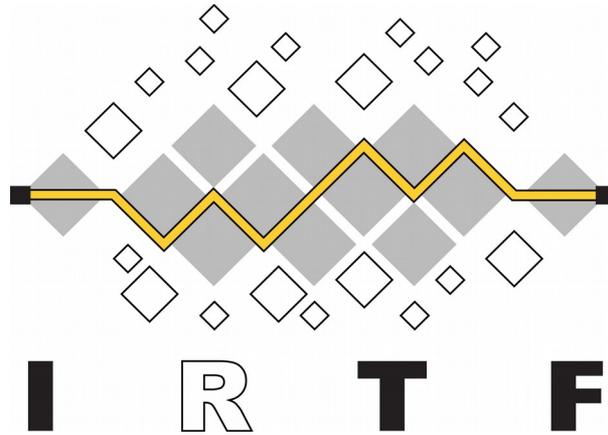
Research Group Status

(subjective)

- **Active**
 - CFRG, GAIA, HRPC, ICNRG, NFVRG, SDNRG , T2TRG
- **Little activity**
 - ICCRG, NMRG, NWCRCG
- **Proposed**
 - MAPRG, NMLRG

IRTF Stream RFC Publications





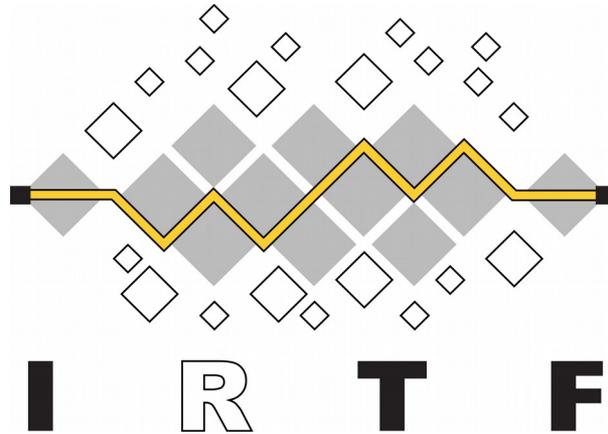
IRTF Chair Selection

IAB Seeking Input

- IAB is soliciting comments on these candidates and their ability to serve as IRTF Chair
- Send remarks in confidence about any or all candidates to either
 - iab-chair@iab.org
 - execd@iab.org
- **Deadline: Fri, 22 July 2016**
 - This Friday!

Candidates

- **Stephen Farrell**
- **Brian Haberman**
- **Dirk Kutscher**
- **Allison Mankin**
- **Colin Perkins**



Applied Networking Research Workshop

<https://irtf.org/anrw/2016/>

“...a forum for researchers, vendors, network operators and the Internet standards community to present and discuss emerging results in applied networking research”

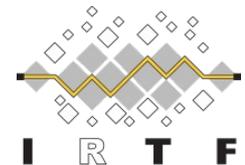
“...results that could form the basis for future engineering work in the IETF, that could change operational Internet practices, that can help better specify Internet protocols, or that could influence further research and experimentation in the IRTF...”

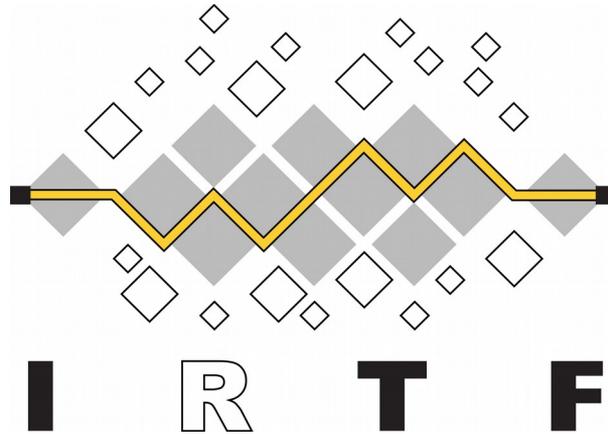
ANRW 2016

- Academic, peer-reviewed workshop
- Collocated with IETF-96 (on Sat, July 16)
- Open access proceedings



- 9 out of 17 full papers accepted
- 9 out of 13 short papers/posters accepted
- **Planning ANRW 2017 for IETF-99 in Prague next summer! CFP coming**





Applied Networking Research Prize

<https://irtf.org/anrp>

Applied Networking Research Prize

- Jointly with ISOC
- 53 nominations for 2016
- Selection committee of IETF, IRTF, past winners
- Six prize winners for 2016
- At IETF-96:
 - **Dario Rossi**
 - **Samuel Jero**
- 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...”

Supported by:



Five Years of ANRPs

IETF-81 (2011) to IETF-96 (2016)

- **26** award winners to date
 - **8x** ACM IMC
 - **4x** ACM SIGCOMM
 - **3x** USENIX NSDI
 - **2x** ACM CoNEXT
 - **2x** IEEE SSP
 - **7x** other (CCR, TON, JSAC, ICNP, ...)
- **13** return trips to IETF w/o support
 - Including **4** at this meeting
- **11** return trips with support
- **1** RG chair

| Year | Nomi-nations | Awards | Rate |
|------|--------------|--------|------|
| 2011 | 24+13 | 2+2 | 11% |
| 2012 | 20 | 3 | 15% |
| 2013 | 36 | 4 | 11% |
| 2014 | 46 | 6 | 13% |
| 2015 | 33 | 5 | 15% |
| 2016 | 53 | 6 | 11% |