

IRTFOPEN Meeting @IETF 100

Allison Mankin, IRTF Chair

Note Well

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").

Also Note

- The IRTF follows the anti-harassment policies of the IETF. This is a summary of those rules as they relate to the IRTF:
- IRTF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking. The IETF strives to create and maintain an environment in which people of many different backgrounds are treated with dignity, decency, and respect. Those who participate in the IRTF are expected to behave according to professional standards and demonstrate appropriate workplace behaviour, and must not engage in harassment.
- For more information, please see the IESG Anti Harassment Policy at <http://ietf.org/iesg/statement/ietf-anti-harassment-policy.html> and [BCP 25 / RFC 7776](#) on IETF Anti-Harassment Procedures*.
- If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons at [ombudsteam at ietf.org](mailto:ombudsteam@ietf.org)

Final Policy Item

- Because of the Applied Networking Research Prize, there is a lot of photographing during the IRTFOPEN session.
- The IRTF follows the IETF policy that any person may inform the photographers not to photograph them

IRTFOPEN @IETF 100 Agenda

- Update on the IRTF – IRTF Chair
- Open mic for 5 minutes for any questions

Applied Networking Research Prize Talks (45 mins each incl. discussion)

- Paul Emmerich, Technische Universität München, DE
MoonGen: A Scriptable High-Speed Packet Generator
- Roland van Rijswijk-Deij, University of Twente, NL
The Performance Impact of Elliptic Curve Cryptography on DNSSEC Validation
- Time Permitting
 - Would you like lightning talks (mixed IRTF/IETF presenters) in future IETF meetings?

Mission

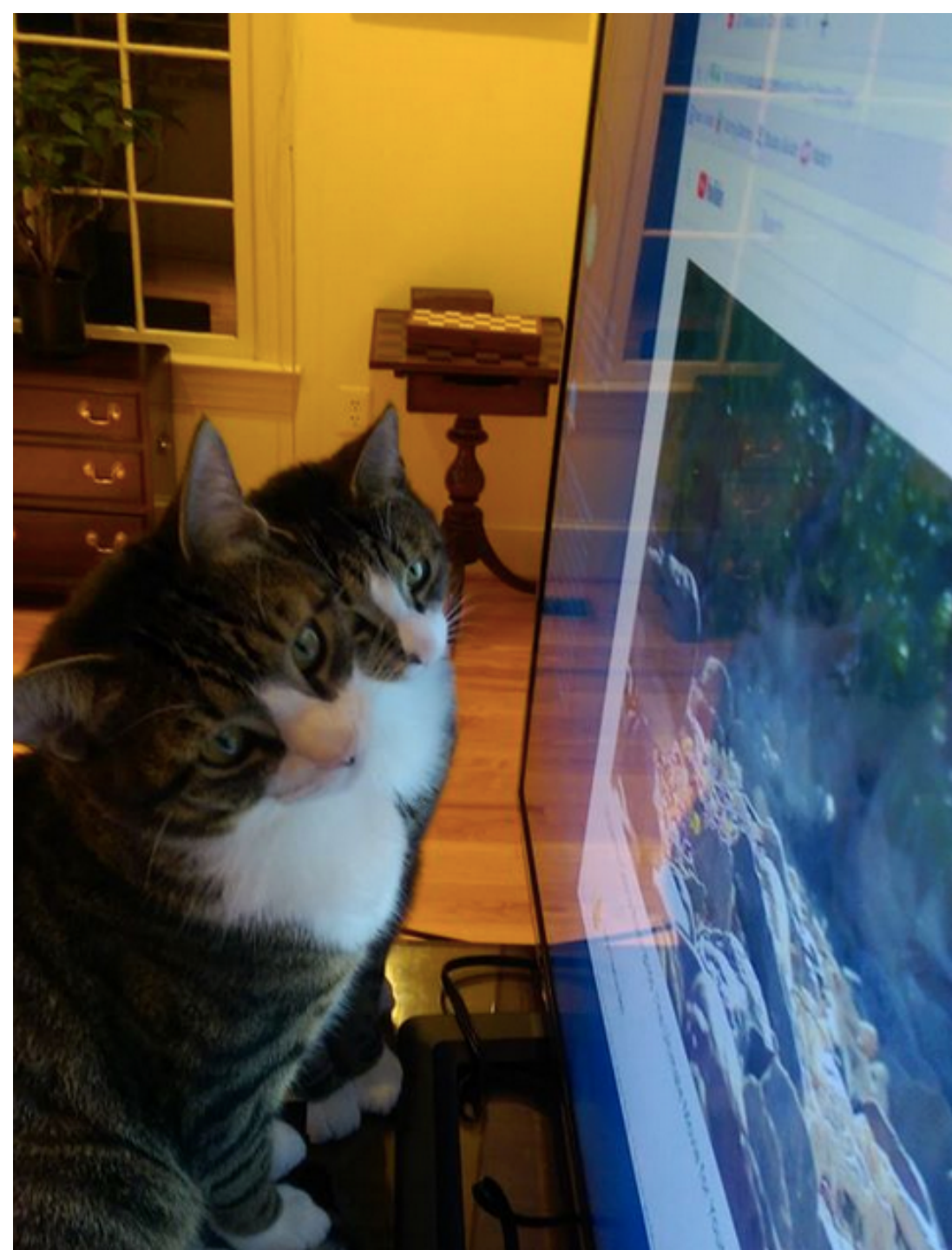
- The Internet Research Task Force focuses on longer term research issues related to the Internet while the parallel organization, the Internet Engineering Task Force, focuses on the shorter term issues of engineering and standards making
- Organized into Research Groups (parallel to but different to WGs)
- Organized with an Internet Research Steering Group consisting of the RG Chairs and a small number of At Large members

Some Research Group Differences from WG

- Process of Work – be creative, what is best for impactful work?
- Meet where and when is best
- Caveat: all current RGs are open and must give public notice of meetings as IETF does
- Results need not be RFCs - code, hackathons, other publications, workshop outputs, brainstorming, projects, all cool
- Results are not for the Standards track,
 - Some groups reach points of transition to IETF at times (most recently Disruption Tolerant Networking)
 - Some groups perform roles for IETF (crypto review in CFRG)

Get (more) Involved

- IRTF-Discuss and IRTF-Announce lists (at irtf.org)
- RG mailing lists and wiki links on irtf.org
- Email me at IRTF-Chair@irtf.org
- Email the IRSG at IRSG@irtf.org





RGs' Origin Story

- Our model is to be open to the new and to new participation
- A group may propose and run for three meetings in PROPOSED RG state
- At the three-meeting point, evaluated by IRTF Chair (with consultations) for transition out of PROPOSED state

RGs @ IETF100

- Crypto Forum (CFRG)
- Global Access to the Internet for All (GAIA)
- Human Rights Protocol Considerations (HRPC)
- Internet Congestion Control (ICCRG)
- Information-Centric Networking (ICNRG)
- Measurement and Analysis for Protocols (MAPRG)
- Path-Aware Networking (PANRG)
PROPOSED Research Group
- Coding for Efficient Network Communications (NWCRG)
- Network Function Virtualization (NFVRG)
- Thing to Thing (T2TRG)
- Decentralized) InterNet (DIN)
PROPOSED Research Group – did not meet formally

IRSG Members

- Allison Mankin – IRTF Chair
- Lars Eggert – Past Chair, At Large
- Alia Atlas – At Large
- Spencer Dawkins – At Large
- Stephen Farrell – At Large
- Mat Ford – At Large, ISOC
- Erik Nordmark – At Large
- CFRG: Alexey Melnikov, Kenny Paterson
- Proposed DINRG: Melinda Shore,
- GAIA: Jane Coffin, Arjuna Sathiaselan
- HRPC: Avri Doria, Niels ten Oever
- ICCRG: Jana Iyengar, TBD
- ICNRG: Dirk Kutscher, Börje Ohlman, Dave Oran
- MAPRG: Mirja Kuehlewind, Dave Plonka
- NFVRG: Diego Lopez, Ramki Krishnan
- NMRG: Laurent Ciavaglia, Lisandro Granville
- NWCRG: Marie-José Montpetit, Vincent Roca
- Proposed PANRG: Jen Linkova, Brian Trammell
- T2TRG: Carsten Borman, Ari Keränen



What is the ANRP?

- Yearly "Best Paper" prizes in Applied Networking
 - Previously published papers and a speaker are nominated
 - Six awardees are selected for the year
 - Prize-winners receive a monetary prize and a trip to speak here
 - Funds offered for a follow-up trip for them as well

ANRP's Origin Story

- Established by Past IRTF Chair, Lars Eggert
 - (In a stroke of genius by Mat Ford of ISOC and Lars!)
- Funded by IRTF's partner, the Internet Society, and by sponsors
 - Current sponsorship includes Comcast
 - You?

ANRP Origin Story (part 2)

- Selection process starts with a yearly Call for Papers
 - 2018 Call completed on November 5
- Peer Reviewing (from now until December) by applied networking researchers from multiple sectors
- Check out <https://irtf.org/anrp/2018> for program committee and other info
- Six awardees for 2018 will be selected (two per meeting) and we will take their preferences for which meeting

FAQ: Confusing the ANR Things

Applied Networking Research Prize

- Annual Call for Nominees
- Prize for Already Published Paper
- Two presentations at each IETF

Applied Networking Research Workshop

- Annual Call for Papers
- Workshop Gathering New Papers
- Presentations in a day-long workshop collocated with the Summer IETF

ANNOUNCEMENT: 2018 Program Chairs for ANRW:
Sharon Goldberg and Dave Choffnes. More info soon

Follow IRTF @inretafo



It takes only a few minutes to
nominate for the Applied Networking
Research Prize #ANRP
irtf.org/anrp/2018 by 11/5
--photo: @kolkman



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