



IRTFOPEN Meeting @IETF 101

Allison Mankin, IRTF Chair

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully. The IRTF follows the IETF's policies.

As a reminder:

By participating in the IRTF, you agree to follow IETF processes and policies.

If you are aware that any IETF or IRTF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

As a participant in or attendee to any IRTF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

Personal information that you provide to IRTF will be handled in accordance with the IETF Privacy Statement.

As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to the RG Chairs or IRTF Chair:

BCP 9 (Internet Standards Process)

BCP 25 (Working Group processes)

BCP 25 (Anti-Harassment Procedures)

BCP 54 (Code of Conduct)

BCP 78 (Copyright)

BCP 79 (Patents, Participation)

<https://www.ietf.org/privacy-policy/> (Privacy Policy)

Final Policy Item

- Because of the Applied Networking Research Prize, there is a lot of photography during the IRTFOPEN session.
- The IRTF follows the IETF statement on still photography consent

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
- NO standardization here – documents in IRTF RFC Track will be Experimental or Informational

All the Research Groups (<https://irtf.org>)

- *Crypto Forum (CF) RG*
- *Decentralized Internet Infrastructure Proposed RG*
- *Global Access to the Internet for All (GAIA) RG*
- *Human Rights Protocol Considerations (HRPC) RG*
- *Internet Congestion Control (ICC) RG*
- *Information-Centric Networking (ICN) RG*
- *Measurement and Analysis for Protocols (MAP) RG*
- *Network Function Virtualization (NFV) RG*
- *Network Management (NM) RG*
- *NetWork Coding for Efficient Network Communications (NWC) RG*
- *Path Aware Networking (PAN) Proposed RG*
- *Thing-to-Thing (T2T) RG*

Research Groups at IETF 101

- News: Path Aware Networking (PAN) Proposed RG supported to move to RG in its meeting yesterday
- News: Global
- All of RGs except Network Management RG (NM) are meeting this week
 - NMRG will meet April 24 in Taipei, collocated with NOMS Conference
- Today: introductory discussion of potential new group, Quantum Internet RG (QI)

Call for Submissions: papers published in past year + short new papers



- ANRW Series
- ANRW '18
- Attend
- Call for Papers
- Committees
- Program
- Travel Grants

The **ACM, IRTF & ISOC** Applied Networking Research Workshop 2018 (**ANRW'18**) is an academic workshop that provides a forum for researchers, vendors, network operators, and the Internet standards community to present and discuss emerging results in applied networking research. Our other goal is to create a path for **academics to transition research back into the IETF standards and protocols** and for academics to find inspiration from topics and open problems addressed at the **IETF**.

We are particularly interested in topics that focus on wide-area networks and network security, but applied networking topics outside of these focus areas are also welcome.

The **ANRW '18** takes place in Montreal, Quebec, Canada, the venue of the **IETF-102** meeting, on Monday, July 16, 2018.

Important Dates

Submit by April 20, <https://irtf.org/anrw/2018>
Program Chairs – Sharon Goldberg and David Choffnes



Paper submission deadline	April 20, 2018
Paper notification deadline	May 14, 2018
Camera-ready paper deadline	June 15, 2018
ANRW'18 at IETF 102 in Montreal	July 16, 2018

Supporters and Sponsors

The **ANRW '18** receives financial support from these organizations:

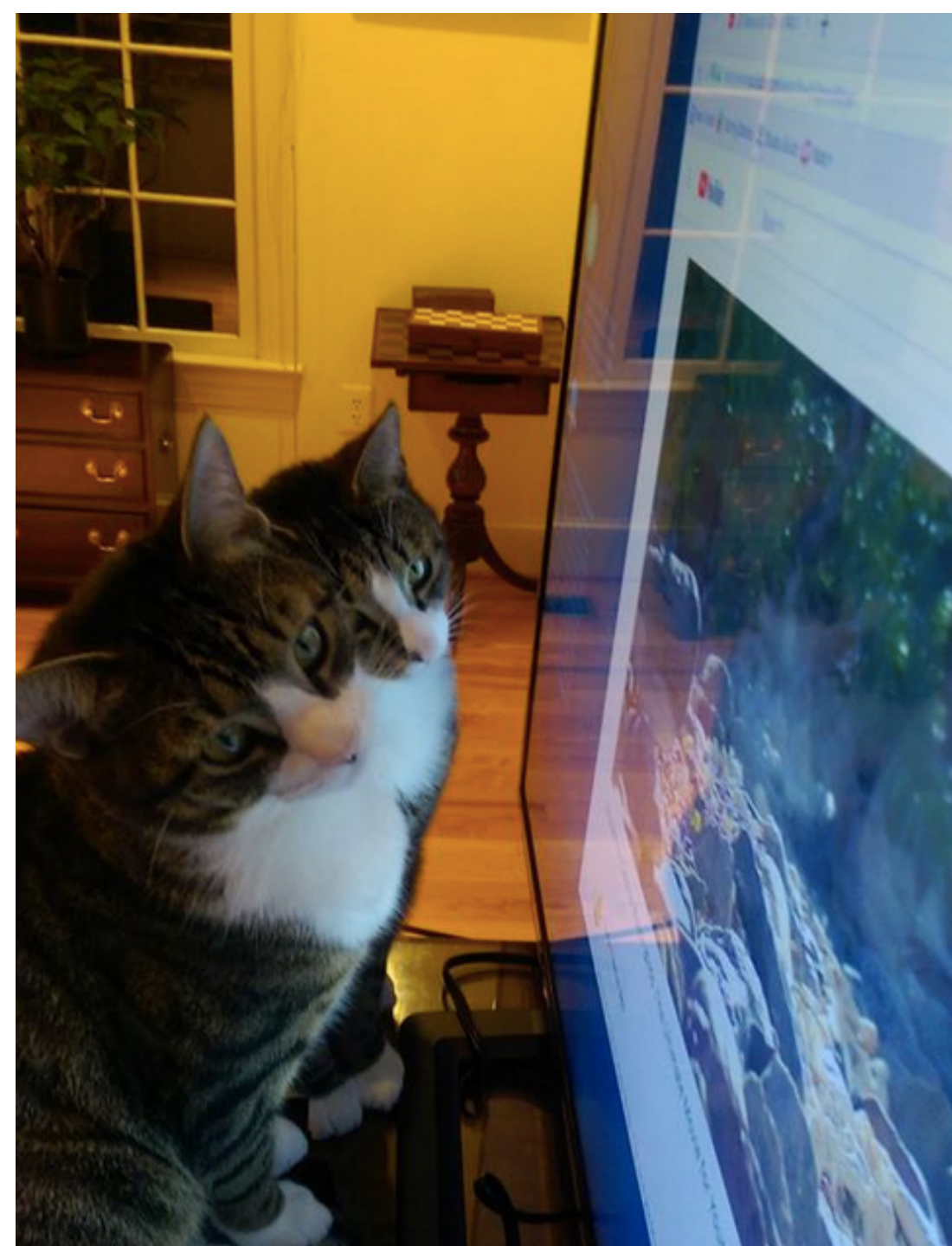


Please contact the **Steering Committee** if you are interested in supporting the **ANRW '18**. Funds are used to offset the fixed costs of the event and subsidize student attendance.

The **ANRW** workshop series is sponsored by the following organizations:

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
- IRTF is also on twitter [@inretafo](https://twitter.com/inretafo)



IRTFOPEN @IETF 101 Agenda

9:30 Opening remarks, IRTF Chair - 10 mins

9:40 Vision for a QIRG: Quantum Internet Research Group

Rod van Meter, Stephanie Wehner - 20 mins + 10 mins Q&A

Applied Network Research Prize talks

10:10 Performance Characterization of a Commercial Streaming Video Service

Mojgan Ghasemi - 40 mins + 10 mins Q&A

11:00 Vroom: Accelerating the Mobile Web with Server-Aided Dependency Resolution

Vaspol Ruamviboonsuk - 40 mins + 10 mins Q&A

11:50 Any other discussion/questions

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ANRP – Yearly “Best Paper Prizes

- Applied networking and applied security
- Rotating program committees consider technical interest and IRTF/IETF potential
- *We had our biggest set of submissions ever this year!*
- Warm Thank You to the Sponsors:
 - **Comcast**
 - **NBC Universal**
 - **Internet Society**
- Awardees receive a monetary prize and travel to at least one IETF in that year
- Some follow-up trips for awardees as well



FAQ: Disambiguating 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
- Both Already Published and New (Short) Papers
- Presentations in a day-long workshop collocated with the Summer IETF