Mission of the IRTF

- The IRTF focuses on longer term research issues related to the Internet while the IETF, focuses on the shorter term issues of engineering and standards making
  - The IRTF does not develop or seek to influence standards
  - Promote research of importance to the evolution of the Internet
    - Research groups
    - Applied Networking Research Prize
    - Applied Networking Research Workshop

- https://irtf.org/
  - https://irtf.org/mailman/listinfo/irtf-announce – announcements
  - https://irtf.org/mailman/listinfo/irtf-discuss – discussion
IRTF Research Groups

- 11 research groups, 3 proposed research groups – 6 still to meet

CFRG: Crypto Forum Research Group
COIN: Computation in the Network (proposed)
DINRG: Decentralised Internet Infrastructure
GAIA: Global Access to the Internet for All
HRPC: Human Rights Protocol Considerations
ICCRG: Internet Congestion Control
ICNRG: Information-centric Networking
MAPRG: Measurement and Analysis for Protocols
NMRG: Network Management
NWCRG: Network Coding for Efficient Network Communications
PANRG: Path Aware Networking
PEARG: Privacy Enhancements and Assessments (proposed)
QIRG: Quantum Internet (proposed)
T2TRG: Thing-to-Thing

COIN
Decentralised Internet Infrastructure
Information-centric Networking
Measurement and Analysis for Protocols
Privacy Enhancements and Assessments (proposed)

Computation in the Network (proposed)
Internet Congestion Control
Network Coding for Efficient Network Communications
Path Aware Networking
Thing-to-Thing
Applied Networking Research Workshop

- Forum for researchers, vendors, network operators and Internet standards community to present and discuss emerging results in applied networking research

- ANRW 2019 earlier this week – https://irtf.org/anrw/2019/

- ANRW 2020 will be co-located with IETF 108 in Madrid, Spain, July 2019 (provisional)
Applied Networking Research Prize

- Awarded for recent results in applied networking research that are relevant for transitioning into shipping Internet products & related standards efforts
- Two ANRP prize winning talks yesterday:
  - **Neta Rozen Schiff** for her work on NTP security:
  - **Taejoong Chung** for his work on Understanding the Role of Registrars in DNSSEC Deployment:
- Two more prize talks at IETF 106
- Nominations for 2020 awards will open Sep/Oct 2019
  https://irtf.org/anrp/