

IRTF Open Meeting

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IRTF Chair

IETF 111 / 26 July 2021

Note Well – Intellectual Property

- **The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules**
- By participating in the IRTF, you agree to follow IRTF processes and policies:
 - If you are aware that any 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
 - The IRTF expects that you file such IPR disclosures in a timely manner – in a period measured in days or weeks, not months
 - The IRTF prefers that the most liberal licensing terms possible are made available for IRTF Stream documents – see RFC 5743
 - Definitive information is in RFC 5378 (Copyright) and RFC 8179 (Patents, Participation), substituting IRTF for IETF, and at <https://irtf.org/policies/ipr>

Note Well – Audio and Video Recordings

- The IRTF routinely makes recordings of online and in-person meetings, including audio, video and photographs, and publishes those recordings online
- If you participate in person and choose not to wear a red “do-not-photograph” lanyard, then you consent to appear in such recordings, and if you speak at a microphone, appear on a panel, or carry out an official duty as a member of IRTF leadership then you consent to appearing in recordings of you at that time
- If you participate online, and turn on your camera and/or microphone, then you consent to appear in such recordings

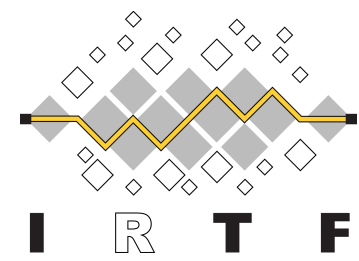
Note Well – Privacy & Code of Conduct

- 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 Privacy Policy at <https://www.ietf.org/privacy-policy/>
- 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
- See RFC 7154 (Code of Conduct) and RFC 7776 (Anti-Harassment Procedures), which also apply to IRTF

Goals of the IRTF

- The Internet Research Task Force (IRTF) focuses on longer term research issues related to the Internet while the parallel organisation, the IETF, focuses on shorter term issues of engineering and standards making
- **The IRTF conducts research; it is not a standards development organisation**
- While the IRTF can publish informational or experimental documents in the RFC series, its primary goal is to promote development of research collaboration and teamwork in exploring research issues related to Internet protocols, applications, architecture, and technology
- See “An IRTF Primer for IETF Participants” – [RFC 7418](#)

Stay Informed About IRTF



<https://irtf.org>



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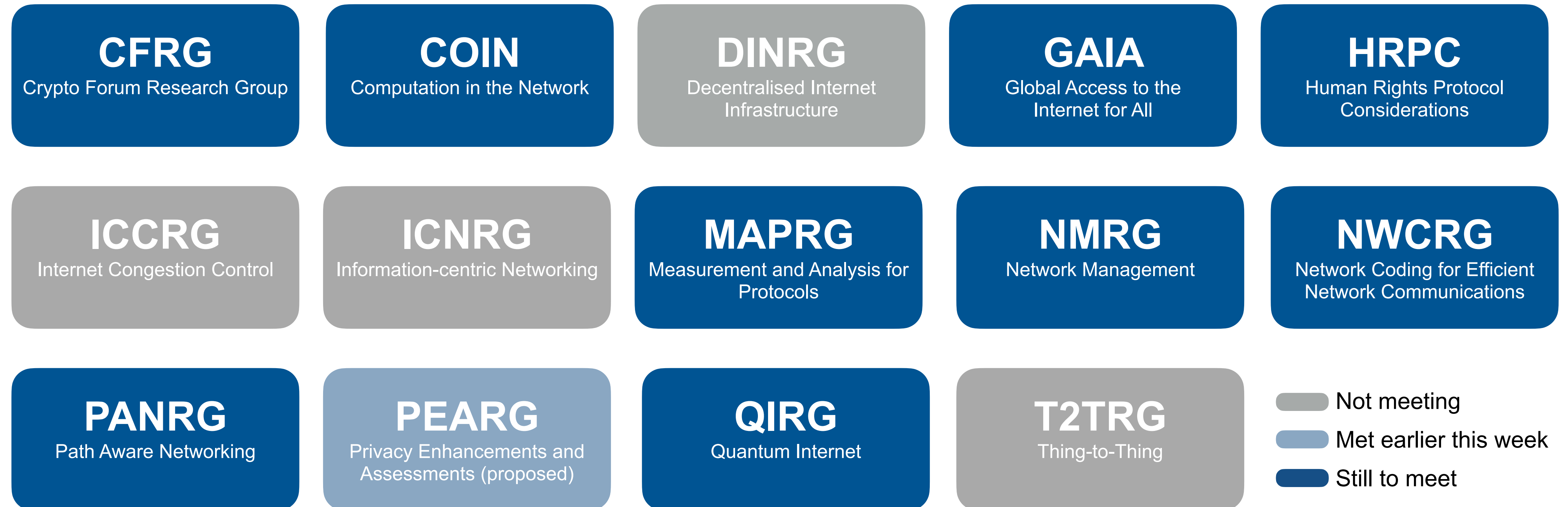


<https://www.facebook.com/inretafo/>



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

Research Groups



Recent IRTF Stream RFCs

RFC 9049	Path Aware Networking: Obstacles to Deployment (A Bestiary of Roads Not Taken)	June 2021	PANRG
RFC 9064	Considerations in the Development of a QoS Architecture for CCNx-Like Information-Centric Networking Protocols	June 2021	ICNRG

Applied Networking Research Prize (1/2)

- Awarded to recognise
 - **the best recent results** in applied networking
 - interesting **new research ideas of potential relevance to the Internet standards community**
 - and **upcoming people that are likely to have an impact** on Internet standards and technologies

with particular focus on people or ideas that would not otherwise get much exposure or be able to participate in the discussion

- Details at **<https://irtf.org/anrp/>**



Applied Networking Research Prize (2/2)

- Two ANRP prize winning talks today:
 - **Rüdiger Birkner** for his work on network specification and verification
 - **Sadjad Fouladi** for his work on low-latency video streaming



- Details at <https://irtf.org/anrp/>

ANRW 2021

Applied Networking Research Workshop

- The **ACM/IRTF Applied Networking Research Workshop** runs concurrently with IETF 111
- Forum for researchers, vendors, network operators, and the Internet standards community to present and discuss emerging results in applied networking research
- Full programme, including papers and recordings of talks available at <https://irtf.org/anrw/2021/>



ANRW 2021

Applied Networking Research Workshop

- Thank you Andra Lutu and Nick Feamster, and the programme committee, for organising



- Thank you to our sponsors: Akamai, Comcast, and ACM SIGCOMM



Agenda

Time (UTC)	Topic	Speaker
21:30	Introduction and Status Update	Colin Perkins
21:40	Config2Spec: Mining Network Specifications From Network Configurations	Rüdiger Birkner
22:05	Salsify: low-latency network video through tighter integration between a video codec and a transport protocol	Sadjad Fouladi
22:30	Close	

* Pre-recorded talks, live Q&A in the chat and after each talk