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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/](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/](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
IETF 113 Meeting Tips

This session is being recorded

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “onsite tool” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- Keep audio and video off if not using the onsite version

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended
Agenda

- Administrivia + RG Status + hybrid meeting issues (5 min)
- draft-irtf-qirg-quantum-internet-use-cases (10 min)
  Kaushik Chakraborty
- Quantum Network Explorer: application programming for the quantum internet (20 min)
  Bart van der Vecht
- Discussion (15 min)
  - What would you like in an online platform for experiments on real quantum network hardware à la IBM Quantum?
  - Open floor
Document Status

- draft-irtf-qirg-principles
  - Reviewed by Marie-Jose Montpetit in December
  - Comments have been addressed in January, currently in re-review

- draft-irtf-qirg-quantum-internet-use-cases
  - Active, will be discussed today
Seminar Status

- On 2 February 2022 Marc Kaplan from VeriQloud gave a seminar titled “Building Quantum Networks at the Local-Area Scale”
  - Recording available at https://www.youtube.com/watch?v=D_Nb43-uicY
- Next seminar TBD (aim for Sept/Oct)
Other RG Updates

- QIRG is mentioned in a recent pre-print publication about the standardization efforts for quantum technologies: