

IETF 119

Quantum Internet Research Group

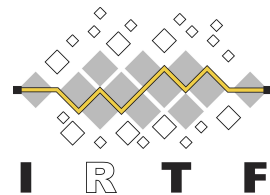
20 March 2024

This session is being recorded

IETF 119
Brisbane

Internet Engineering Task Force
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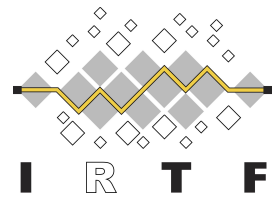




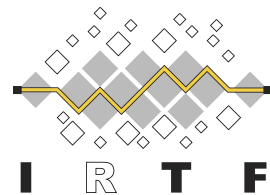
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Note Well – Audio and Video Recordings

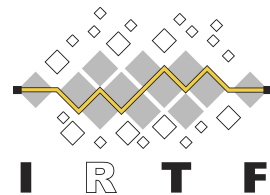


- The IRTF routinely makes recordings of online and in-person meetings, including audio, video and photographs, and publishes those recordings online
- If you participate in person and choose not to wear a red “do-not-photograph” lanyard, then you consent to appear in such recordings, and if you speak 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
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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](#)

IETF 119 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

Tools

Onsite tool

Chat room for qirg

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Zulip needs your permission to enable desktop notifications.

panrg | 38 | <https://datatracker.ietf.org/rg/panrg/about/>

175

panrg ietf-118

Boris Khasanov
Yes, presenter's mic is quite low

Brian Trammell
better now?

Boris Khasanov
yes, thanks

Antoine Fressancourt
better, thanks

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cfng

Rodney Van Meter

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- Alex Chernyakhovskiy
- Alex Huang Feng
- Alison Becker
- Alissa Cooper
- Allison Mankin
- altanai
- Anders Kölligan
- Andrew Camppling
- Andrew Crawford
- Anthony Somerset
- Antoine Fressancourt

ask slides join queue extra buttons

Quantum Internet Research Group

QIRG

@IETF119 Brisbane

20 March 2024

Chair slides

Rodney Van Meter
Wojciech Kozlowski

Agenda

- Administrivia (5 minutes)
speaker: chairs
- Routing in Quantum Networks (25 minutes)
speaker: Michael Cubeddu
- Timing Regimes for Quantum Networks (20 minutes)
speaker: Monet Tokuyama
- draft-lopez-qirg-qi-multiplane-arch (10 minutes)
speaker: Diego Lopez
- A Link-Level Multiplexing Mechanism (15 minutes)
speaker: Shota Nagayama
- AOB (10 minutes)

Document Status

- RFC-to-be: draft-irtf-qirg-quantum-internet-use-cases-19
Application Scenarios for the Quantum Internet
 - Sent to RFC Editor on 2023-12-21
- draft-lopez-qirg-qi-multiplane-arch-01
A Multiplane Architecture Proposal for the Quantum Internet
 - -01: 2024-03-04

Workshop for Quantum Repeaters and Networks 4

<https://wqrn.org>



WQRN4 will be held September 11-13, 2024, in beautiful Montreux, Switzerland.

Please see the local host's web page for more information.