# IETF 107 QIRG Virtual Interim

https://datatracker.ietf.org/meeting/interim-2020-qirg-01/session/qirg

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# 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.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or Ads:

- 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)

# Quantum Internet Research Group QIRG
# @IETF107 Virtual Interim

8 April 2020

Chair slides

Rodney Van Meter
Wojciech Kozlowski

# Agenda

- Administrativia + RG Status (10 min)
- Simulators (total 40 min)
  - SimulaQron (10 min)
  - QuNetSim (10 min)
  - QuISP (10 min)
  - NetSquid (10 min)
- "Quantum Internet and its implications on the existing internet applications" (10 min)
- Drafts (total 30 min)
  - draft-irtf-qirg-principles (15 min)
  - draft-wang-qirg-quantum-internet-use-cases (15 min)

# QIRG approved as a full IRTF Research Group

From: Colin Perkins <csp@csperkins.org>
To: irtf-announce@irtf.org
CC: qirg@irtf.org
Subject: [Qirg] QIRG approved as a full IRTF Research Group
Date: Tue, 24 Mar 2020 17:54:20 +0000 (*24/03/20 18:54:20*)

Newly chartered IRTF research groups meet for one year as a Proposed Research Group, then are subject to a review to decide whether they will continue. The review for the Quantum Internet Research Group (QIRG) has just completed, and I'm pleased to announce that it's been approved as a full IRTF research group.

Thanks to Rod, Stephanie, and Wojtek for all their efforts getting the group going, and I look forward to all the activities still to come.

Colin Perkins
IRTF Chair

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Qirg mailing list
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https://urldefense.proofpoint.com/v2/url?u=https-3A__www.irtf.org_mailman_listinfo_qirg&d=DwIGaQ&c=XYZUhXBD2cD-CornpT4QE19xOJBbRy-TBPLK0X9U2o8&r=xRe3k8UnFVGCjuC7RWUARpslGfYlRaP7D3dVZXHUEVc&m=7G8jlCF1-9xx4Mf7CIQ1l2V_ZMO0bp419R6nFrm_7xI&s=oGf960jp2KPANhol3IVOAJGfOWQg6TJKrT312KSoMio&e=

# History/Status/Plans

- Idea originated by Stephanie in January 2018
- Rod presented remotely at irtfopen March 2018
- Approved as Proposed RG in November 2018
- Approved as Full RG in March 2020
- Tentative proposal is/was to meet 1x @IRTF, 1x @quantum conference, 1x @virtually
- Will re-evaluate the above in the upcoming months