

IETF 114

Information-Centric Networking & Computing in the Network

Research Group

Joint Meeting

28 July 2022

This session is being recorded

IETF 114 Philadelphia
hosted by

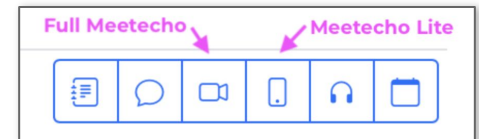


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IETF 114 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*
- **Wear masks unless actively speaking at the microphone.**



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

Resources for 114 Philadelphia

- Agenda
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:
<https://www.ietf.org/how/meetings/114/preparation>
- If you need technical assistance, see the Reporting Issues page:
<http://www.ietf.org/how/meetings/issues/>



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](#)

ICNRG Administrativa

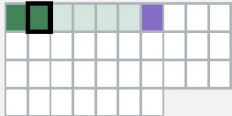
- IRTF RG on Information-Centric Networking
- Mailing list: icnrg@irtf.org
- Web: <https://irtf.org/icnrg>
- Wiki: <https://trac.tools.ietf.org/group/irtf/trac/wiki/icnrg>
- Github: <https://github.com/icnrg>
- Chairs
 - Dirk Kutscher (University of Emden)
 - Dave Oran (Network Systems Research Design)
- This meeting
 - **Note taker:**

Agenda

1	Chairs' Presentation: Status, Updates	Chairs	05 min
2	Ping & Traceroute Update	Dave Oran	05 min
3	Alternative Delta Time Encoding for CCNx v05 Update	Thomas Schmidt	05 min
4	Selective Content Disclosure using Zero-Knowledge Proofs	Nikos Fotiou	30 min
5	Other Business	Chairs	05 min

ICNRG Document Status:

Brief Update since Last meeting

Document		Date	Status	IPR	AD/Shepherd
Active Internet-Drafts (5 hits)					
draft-irtf-icnrg-ccninfo-10	38 pages	2022-04-25	I-D Exists In IRSG Poll : Experimental		David R. Oran ✉
draft-irtf-icnrg-ccnx-timetlv-00	12 pages	2022-04-27	I-D Exists IRTF stream		
draft-irtf-icnrg-icn-lte-4g-12	43 pages	2022-03-21	I-D Exists : AUTH48 Sent to the RFC Editor : Informational	12	David R. Oran ✉
draft-irtf-icnrg-icnping-06	20 pages	2022-05-03	I-D Exists::Revised I-D Needed IRSG Review : Experimental		Dirk Kutscher ✉
draft-irtf-icnrg-icntraceroute-06	20 pages	2022-05-03	I-D Exists::Revised I-D Needed IRSG Review : Experimental		Dirk Kutscher ✉

Other Documents

- Path Steering
 - [draft-oran-icnrg-pathsteering/](#)
 - [Recent IPR declaration on path steering](#)
 - Wanted to adopt it as RG document – any comments?
 - Will follow up on the list

Presentations

Pending Activities

- FLIC is Stalled *Again*
 - Suggestions on best way to unstick it and get it to RG Last Call?
- Ideas for new work?
 - Media over ~~QUIC~~ICN?
 - Self-learning / auto-configuration / switch design?
 - Web over ICN
 - Interesting possibilities for joint work with COIN?

Wrap-up

- Stay safe, everyone! We're getting to the end of the slog, hopefully!



9th ACM Conference on Information-Centric Networking (ICN 2022), Sept. 19–21, 2022

Important Dates

May 21, 2022	Paper Registration Deadline (Long and Short)
May 28, 2022	Paper Submission Deadline (Long and Short)
September 19–21, 2022	Conference