

IETF 126

Information-Centric Networking Research Group

22nd July 2026 16:00–18:00

This session is being recorded

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 person³ 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
- Also see [RFC 9775](#) (IRTF Code of Conduct)

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](#)

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IETF 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*



Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session

ICNRG Administrativa

- IRTF RG on Information-Centric Networking
- Mailing list: icnrg@irtf.org
- Web: <https://irtf.org/icnrg>
- Chairs
 - Ryo Yanagida – University of St Andrews
 - Dave Oran – Network Systems Research Design
- This meeting
 - **Note taker:** (TBD)

Agenda

Time	Speaker	Description	Location	Duration
16:00	Dave & Ryo	Chairs introduction	Vienna	5 mins
16:05	Jeremiah Davis	ICN+SCION: A global name-based network service	Remote	20 mins
16:25	Htet Htet Hlaing	ICN-based in-Network Computing	Vienna	20 mins
16:45	Lixia Zhang	From Map-and-Encap to BIER: Observations on Network Routing Scalability	Remote	20 mins
17:05	Tianyuan Yu	Architecting a Scalable Routing and Forwarding System for NDN	Remote	20 mins
17:25	Ferhat Mecerhed	Open-source decentralized access control library for NDN	Vienna	20 mins
N/A	Shuai Liu	If time permits: Draft-liu-icnrg-cross-domain-compute-discovery-00	Vienna	5 mins
17:55	Chairs	Wrap-up	Vienna	5 mins

Status: Active Drafts

Reviewed by IRSG,
comments addressed
in update

Active Internet-Drafts (2 hits)

[draft-irtf-icnrg-ccnxchunking-05](#)

CCNx Content Object Chunking

10 pages

2026-

06-15

I-D Exists

Waiting for Document Shepherd
Experimental

[draft-irtf-icnrg-ccnxversioning-00](#)

CCNx Content Versioning

10 pages

2026-

02-28

I-D Exists

Active RG Document :
Experimental

Adopted as RG Draft
Please Review!

Expired Internet-Drafts (6 hits)

[draft-irtf-icnrg-flic-07](#)

File-Like ICN Collections (FLIC)

68 pages

2025-

03-03

Expired

In RG Last Call Experimental

Needs Work!

Presentations

Future Events

- Is there interest in scheduling an **interim meeting** in the **September** timeframe?
 - More research talks proposed for today than we could fit in the allotted time (!!)
 - Themed deep-dive and have multiple talks to discuss?
- IETF127 in San Francisco 14 Nov 2026 – 20 Nov 2026