

IETF 125

Information-Centric Networking

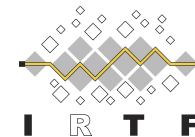
Research Group

16 March 2026

This session is being recorded

Note Well - Intellectual Property

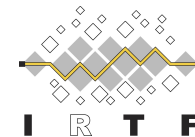
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- By participating in the IRTF, you agree to follow IRTF processes and policies:
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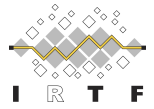
Note Well – Audio and Video Recordings

- 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 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](#)

This session is being recorded

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:** Xinjiao LI (thank you!!)

Ryo Yanagida – Our new Co-Chair

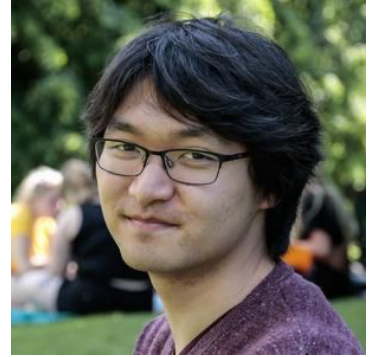
Research Area: Network Protocols, ICN, IPv6, Mobility, Multihoming, QoS, Standards, and etc.

Experience:

2026-01~, Lecturer, University of St Andrews, UK.
Honorary Research Fellow,
University of Glasgow, UK.
2022~2025, Research Associate/Lecturer,
University of Glasgow, UK.

Education:

PhD and BSc in Computer Science from University of St Andrews



Agenda

Time	Speaker	Description	Location	Duration
14:00	Dave & Ryo	Chairs introduction	Tokyo Pod	10 mins
14:10	Kazuhisa Matsuzono	In-Network Retransmission Control in ICN	Remote (Tokyo)	20 mins
14:30	Yohei Okamoto	Reflexive forwarding implementation on Cefore (with demo)	Remote (Tokyo)	20 mins
14:50	Kenji Kanai	ICN Service Mesh for plug-and-play ICN	Remote (Tokyo)	20 mins
15:10	Shintaro Mori	Information-centric wireless-sensor-network platform development in mmWave-band communications	Remote (Tokyo)	20 mins
15:30	Hongbin Luo	HiCom: A Hyper-ICN Architecture for Computing Power in Network Edge	Onsite Shenzhen	20 mins
15:55	Chairs	Wrap-up	Tokyo Pod	5 mins

Status: Active Drafts

Active Internet-Drafts (3 hits)			
draft-irtf-icnrg-ccnxversioning-00	10 pages	2025-02-28	I-D Exists
CCNx Content Versioning			Active RG Document : Experimental
draft-irtf-icnrg-ccnxchunking-04	10 pages	2026-02-06	I-D Exists
CCNx Content Object Chunking			IRSG Review : Experimental
draft-irtf-icnrg-reflexive-forwarding-02	47 pages	2025-09-23	I-D Exists
Reflexive Forwarding for CCNx and NDN Protocols			Active RG Document : Experimental
			Expires soon
Expired Internet-Drafts (6 hits)			
draft-irtf-icnrg-flic-07	68 pages	2025-03-03	Expired
File-Like ICN Collections (FLIC)			In RG Last Call : Experimental

Adopted as RG Draft
Please Review!

Finished Last Call and
Updated

Needs Work!

Presentations

Future Events

- IETF126 in Vienna 18 Jul 2026 – 24 Jul 2026
- IETF127 in SanFrancisco 14 Nov 2026 – 20 Nov 2026