

# IETF 118

# Information-Centric Networking Research Group

7 November 2023

This session is being recorded

# Note Well

- **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
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# IETF 116 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
- Use of a headset is strongly recommended

# 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](mailto:icnrg@irtf.org)
- Web: <https://irtf.org/icnrg>
- Chairs
  - Dirk Kutscher – HKUST(GZ)
  - Dave Oran – Network Systems Research Design
- This meeting
  - **Note taker:**

# Agenda

1	ICNRG Chairs' Presentation: Status, Updates	Chairs	10 min
2	FLIC Update	Mark Mosko	20 min
2	Reflexive Forwarding Update	Dave Oran	10 min
3	Wide-Area NDN Testbed	Davide Pesavento, Susmit Shannigrahi	30 min
4	Collective Communication	Kehan Yao	20 min
5	Distributed Architecture for Microservices	Xueting Li	20 min
6	Buffer, Wrap Up and Next Steps	Chairs	05 min

# Status

## Active Internet-Drafts (5 hits)

<a href="#">draft-irtf-icnrg-icntraceroute-11</a> <b>ICN Traceroute Protocol Specification</b>	20 pages	2023-08-17	I-D Exists : <a href="#">RFC-EDITOR</a> Sent to the RFC Editor : Experimental
<a href="#">draft-irtf-icnrg-icnping-12</a> <b>ICN Ping Protocol Specification</b>	20 pages	2023-08-28	I-D Exists : <a href="#">RFC-EDITOR</a> Sent to the RFC Editor : Experimental
<a href="#">draft-irtf-icnrg-pathsteering-07</a> <b>Path Steering in CCNx and NDN</b>	20 pages	2023-09-29	I-D Exists : <a href="#">EDIT</a> Sent to the RFC Editor : Experimental
<a href="#">draft-irtf-icnrg-ccnx-timetlv-05</a> <b>Alternative Delta Time Encoding for CCNx Using Compact Floating-Point Arithmetic</b>	12 pages	2023-10-04	I-D Exists Waiting for IRTF Chair : Experimental
<a href="#">draft-irtf-icnrg-flic-05</a> <b>File-Like ICN Collections (FLIC)</b>	41 pages	2023-10-22	I-D Exists Active RG Document : Experimental

# Presentations



## Metaverse Side Meeting at IETF 118

Discuss related technologies and understand what IETF can do on Metaverse. We can also see what happens in other SDOs.

The meeting information is:

- 15:00-16:30 Tuesday Nov 7, at room Karlin 4.
- Remote Participation: <https://ietf.webex.com/meet/sidemeetingietf1>

Anyone want to share ideas can also send topic to [zhoutianran@huawei.com](mailto:zhoutianran@huawei.com) and [giuseppe.fioccola@huawei.com](mailto:giuseppe.fioccola@huawei.com)

# “AICN”-Related Side Meetings

- AIDC Side Meeting
  - Tuesday 17:00 to 19:00, Palmovka 1/2
- Collective Communications Optimizations (CCO)
  - Thursday 14:30 to 16:30, Palmovka 1/2

See <https://wiki.ietf.org/en/meeting/118/sidemeetings> for more info.