IETF 116
Information-Centric Networking Research Group
28 March 2023

This session is being recorded
Note Well

- The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules
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  - Definitive information is in RFC 5378 (Copyright) and RFC 8179 (Patents, Participation), substituting IRTF for IETF, and at https://irtf.org/policies/ipr
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
● 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
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 Administrativia

- IRTF RG on Information-Centric Networking
- Mailing list: 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

3. **Reflexive Forwarding Update**
   - Dave Oran
   - 10 min

4. **Media Delivery over QUIC (QUICR)**
   - Cullen Jennings
   - 30 min

5. **Adaptive Media Streaming in ICN**
   - Cedric Westphal
   - 20 min

6. **Loss Detection for ICN**
   - Kazuaki Ueda
   - 20 min

7. **Buffer, Wrap Up and Next Steps**
   - Chairs
   - 05 min
RFC 9344

CCNinfo: Discovering Content and Network Information in Content-Centric Networks, FEBRUARY 2023

File formats:

Also available: XML file for editing

Status:

EXPERIMENTAL

Authors:

H. Asaeda
A. Ooka
X. Shao

Stream:

IRTF
## Status

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Presentations
Omidyar Network Announces Winners of the Future of Data Challenge

Honors 15 new ideas that challenge, disrupt, and reimagine the way the data economy operates

Named Data Microverse

Jeff Burke – UCLA School of Theater, Film and Television | REMAP
Lixia Zhang – UCLA Department of Computer Science | Internet Research Lab
Dirk Kutscher – The Hong Kong University of Science and Technology (Guangzhou) | Future Networked Systems Lab

Winner of the Future of Data Challenge.

https://named-data.net/microverse/
IEEE International Conference on Metaverse Computing, Networking and Applications (IEEE MetaCom 2023)

June 26-28, 2023 · Kyoto, Japan

IEEE MetaCom Workshop on Decentralized, Data-Oriented Networking for the Metaverse (DORM)

Call for Papers

The Decentralized Data-Oriented Networking for the Metaverse (DORM) workshop is intended as a forum to explore new directions and early research results on the system architecture, protocols, and security to support Metaverse applications, focusing on data-oriented, decentralized system designs. We view Metaverse as a new phase of networking with multi-dimensional shared views in open realms.

Most Metaverse systems today replicate the social media platform model, i.e., they assume a cloud platform provider-based system architecture where identities and the trust among them is anchored via a centralized administrative structure and where communication is mediated through servers and an extensive CDN overlay infrastructure operated by that administration. The
10th ACM Conference on Information-Centric Networking (ICN 2023)

Welcome to 10th Annual ACM ICN 2023 Conference!

The 10th ACM Conference on Information Centric Networking (ICN 2023) will be held October 8-10, 2023 in Reykjavik, Iceland. The organizing committee invites you to submit your research for presentation at ACM ICN 2023.

News

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<td>March 7, 2023</td>
<td>CFP posted [online]</td>
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<tr>
<td>February 10, 2023</td>
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Side meeting about:
Trust-Enhanced Networking

Day: Tuesday 28 March
Time: 17:00 – 18:30
Room: G301

Please check our latest white paper.