



# ICNRG Online Meeting

**Information-Centric Networking Research Group**  
**Tuesday, December 1st, 2020**

Chairs' Slides

Dirk Kutscher

Dave Oran

# Online Participation Instructions

- WebEx: <https://ietf.webex.com/ietf/j.php?MTID=m1d469ad278f43523e688071aa7795e2b>
- Shared note taking: <https://codimd.ietf.org/icnrg-interim-2020-12-031>
- Material: <https://datatracker.ietf.org/meeting/interim-2020-icnrg-04/session/icnrg>

Please remember that all sessions are being recorded. Please also:

- Ensure your video is off
- Keep yourself muted unless you are speaking.
- Use Webex chat only to join the mic queue
  - “+q” adds you to the queue
  - “-q” removes you from the queue
  - Add your name and affiliation to the virtual bluesheet (the session Etherpad) via IETF Datatracker Meeting agenda
  - Join the session Jabber room (see above)



# 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 – 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](mailto:icnrg@irtf.org)
- Web: <http://irtf.org/icnrg>
- Wiki: <http://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	<b>Chairs' Presentation</b>	Chairs	05 min
2	<b>Recap of Recent FLIC discussion</b>	Christian Tschudin	15 min
3	<b>NDN-based pub/sub system</b>	Namseok Ko	30 min
4	<b>NDN-based Blockchain</b>	Quang Tung Thai	30 min
5	<b>Producer Anonymity based on Onion Routing</b>	Toru Hasegawa	30 min
6	<b>A Data-centric View on the Web of Things</b>	Cenk Gündoğan	15 min
7	<b>Other Business</b>	all	TBD

# ICNRG Document Status:

## Brief Update since Last meeting

- New [RFC 8884](#) (Research Directions for Using Information-Centric Networking (ICN) in Disaster Scenarios) **published**
- [draft-irtf-icnrg-icnlowpan-09](#) (ICN Adaptation to LoWPAN Networks) in IRSG review
- [draft-iran-icnrg-qosarch-06](#) (Considerations in the development of a QoS Architecture for CCNx-like ICN protocols) about to be sent for IESG conflict review
- [draft-irtf-icnrg-nrs-requirements-04](#) (Design Considerations for Name Resolution Service in ICN) in IRSG Review – **Revision needed**
- [draft-irtf-icnrg-nrsarch-considerations-05](#) (Architectural Considerations of ICN using Name Resolution Service) in IRSG Review
- [draft-irtf-icnrg-icn-lte-4g-08](#) (Native Deployment of ICN in LTE, 4G Mobile Networks) – **Revision needed**



# Wrap-up

- There is a great tool for asynchronous online collaboration: mailing list -- please use it!
- Please help with draft reviews (see spreadsheet)
  
- Future Meetings
  - Probably at least one more online meeting
  - Also happy to discuss new approaches, e.g., focused online meetings on interesting topics
  - Planning for another focused FLIC meeting
  
- Stay safe, everyone!