

# IETF 113

## Information-Centric Networking Research Group

25 March 2022

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IETF 113 Vienna  
hosted by



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# IETF 113 Meeting Tips

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- Use Meetecho to join the mic queue
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- Use of a headset is strongly recommended



# Note Well – Intellectual Property

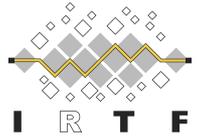
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- As a participant in, or attendee to, any IRTF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public
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- As a participant or attendee, you agree 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: <https://irtf.org/icnrg>
- Wiki: <https://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: Marie-José Montpetit – THANKS**

# Agenda

1	<b>Chairs' Presentation: Status, Updates</b>	Chairs	05 min
2	<b>NDN for Data Intensive Science Experiments (N-DISE)</b>	Edmund Yeh	30 min
3	<b>Alternative Delta Time Encoding for CCNx Update</b>	Cenk Gündoğan	05 min
4	<b>Ping &amp; Traceroute Update</b>	Spyridon Mastorakis	10 min
5	<b>Path Steering Refresher</b>	Dave Oran	15 min
6	<b>Reflexive Forwarding Re-Design</b>	Dirk Kutscher	15 min
7	<b>Other Business</b>	Chairs	05 min

# ICNRG Document Status:

## Brief Update since Last meeting

### Active Internet-Drafts (6 hits)

<a href="#">draft-irtf-icnrg-ccninfo-09</a> <b>CCNinfo: Discovering Content and Network Information in Content-Centric Networks</b>	2022-02-10 37 pages	I-D Exists Awaiting IRSG Reviews: Experimental	David Oran
<a href="#">draft-irtf-icnrg-flic-03</a> <b>File-Like ICN Collections (FLIC)</b>	2021-11-07 38 pages	I-D Exists Active RG Document: Experimental	
<a href="#">draft-irtf-icnrg-icn-lte-4g-12</a> <b>Experimental Scenarios of ICN Integration in 4G Mobile Networks</b>	2022-03-21 43 pages	I-D Exists In IESG Review: Informational	<b>4</b> David Oran
<a href="#">draft-irtf-icnrg-icnping-04</a> <b>ICN Ping Protocol Specification</b>	2022-03-06 20 pages	I-D Exists Waiting for Document Shepherd: Experimental	Dirk Kutscher
<a href="#">draft-irtf-icnrg-icntraceroute-04</a> <b>ICN Traceroute Protocol Specification</b>	2022-03-06 18 pages	I-D Exists Waiting for Document Shepherd: Experimental	Dirk Kutscher
<a href="#">draft-irtf-icnrg-nrsarch-considerations-07</a> <b>Architectural Considerations of ICN using Name Resolution Service</b>	2021-12-15 13 pages	I-D Exists : <a href="#">EDIT</a> Sent to the RFC Editor: Informational	David Oran

# **Presentations**

# Pending Activities

- FLIC is Stalled *Again*
  - Suggestions on best way to unstick it and get it to RG Last Call?
- Ping & Traceroute to IRSG Review once Shepherd write-up is done
  - Thanks to Junxiao Shi for carefully review during last call
- RG Adoption Call on Path Steering
- Ideas for new work?
  - Engagement has been lower than we'd like
  - Interesting possibilities for joint work with COIN?
- Do we need an Interim before IETF114?

# Wrap-up

- Hoping for f2f meeting in Philadelphia
- Stay safe, everyone! We're getting to the end of the slog, hopefully!



**9th ACM Conference on Information-Centric Networking (ICN 2022), Sept. 19–21, 2022**

## Important Dates

May 21, 2022	Paper Registration Deadline (Long and Short)
May 28, 2022	Paper Submission Deadline (Long and Short)
September 19–21, 2022	Conference