Session 5
Chairs: Nick Feamster

Applied Networking Research Workshop
Thanks to the Sponsors!

Akamai

COMCAST
Logistics and Links

Slack Channel #anrw2021 active in SIGCOMM workspace
https://join.slack.com/t/sigcomm/shared_invite/zt-erk5tjkg-bsoSc1UXIOY03uU~E2zPVA

Program, Paper PDFs and Presentation Videos
https://irtf.org/anrw/2021/program.html

Proceedings
Proceedings of the Applied Networking Research Workshop 2021 are available from the ACM Digital Library.

All session are recorded, and recordings will be made available on YouTube after the workshop.
Notes on Meetecho

• Presentation videos are pre-recorded, so we will take questions at the end of each presentation (5-min slot)

• Each session end with a 15-min panel for Q&A with all authors presenting in a session

• To ask a question, enter the queue (mic +hand logo), then the session chair will call you out and enable your audio!

ANRW’21 Program Overview

Monday, July 26, 2021 19:00-21:00 UTC (120 min)
19:00-20:15 UTC: New Internet Protocols (chair: Anna Brunstrom)
20:15-21:00 UTC: Practical Congestion Control (chair: Theresa Enghardt)

Tuesday, July 27, 2021 19:00-21:00 UTC (120 min)
19:00-19:45 UTC: Interconnection and Routing (chair: Amreesh Phokeer)
19:45-21:00 UTC: Monitoring Internet Traffic (chair: Edmundo de Souza e Silva)

Wednesday, July 28, 2021 19:00-21:00 UTC (120 min)
19:00-20:00 UTC: DNS and Privacy (chair: Nick Feamster)
20:00-21:00 UTC: Applications and Specifications (chair: Andra Lutu)
Session 5: DNS and Privacy

- **Encryption without Centralization: Distributing DNS Queries Across Recursive Resolvers**
  *Austin Hounsel*, Paul Schmitt, Kevin Borgolte, and Nick Feamster

- **Institutional Privacy Risks in Sharing DNS Data**
  *Basileal Imana*, Aleksandra Korolova, and John Heidemann

- **DNS over TCP Considered Vulnerable**
  *Tianxiang Dai*, Haya Shulman, and Michael Waidner