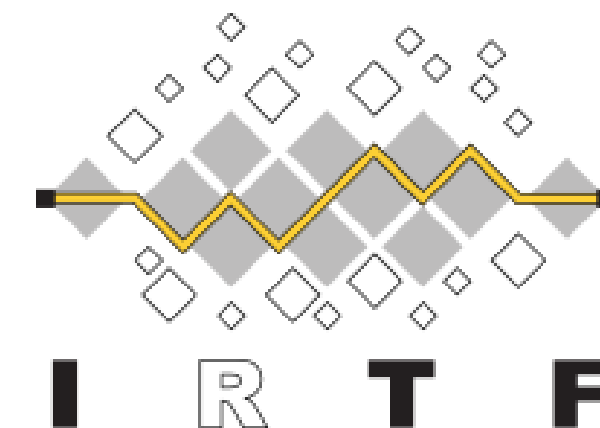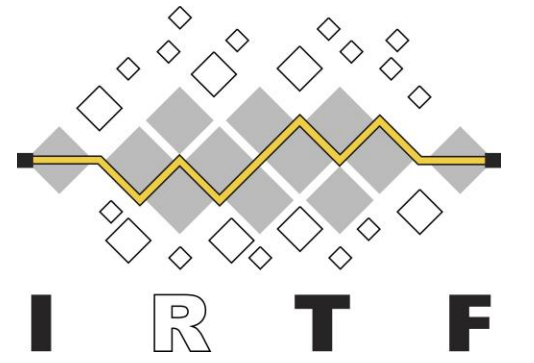# ANRW 2023: Welcome and Opening Remarks

Chairs: **Francis Yan** (Microsoft Research)

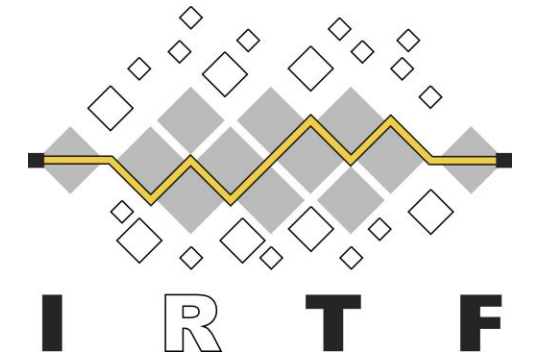**Maria Apostolaki** (Princeton)

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Note Well – Privacy & Code of Conduct
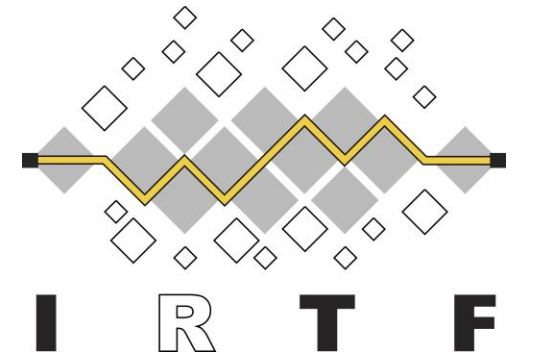
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- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this

- See RFC 7154 (Code of Conduct) and RFC 7776 (Anti-Harassment Procedures), which also apply to IRTF

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ANRW 2023 Program Overview

09:30 – 11:30 PDT

- Keynote

- Research Papers: IoT, Programmable Networks, Network Measurement

13:00 – 15:00 PDT

- Research Papers: Network Measurement, Security and Privacy

- Panel Discussion

15:30 – 17:00 PDT

- Research Papers: DNS and BGP

Session 1 (09:30-11:30 PDT)

Keynote: It's the End of DRAM As We Know It

Philip Levis (Stanford)

It's Not Where You Are, It's Where You Are Registered: IoT Location Impact on MUD

Anat Bremler-Barr (Tel-Aviv University), David Hay (Hebrew University), Bar Meyuhas (Reichman University), and Shoham Danino (Reichman University)

PINOT: Programmable Infrastructure for Networking

Roman Beltiukov (UC Santa Barbara), Sanjay Chandrasekaran (UC Santa Barbara), Arpit Gupta (UC Santa Barbara), and Walter Willinger (NIKSUN, Inc.)

Crisis, Ethics, Reliability & a measurement.network: Reflections on Active Network Measurements in Academia

Tobias Fiebig (Max Planck Institute for Informatics)

Session 2 (13:00-15:00 PDT)

Evaluating the Benefits: Quantifying the Effects of TCP Options, QUIC, and CDNs on Throughput
Simon Bauer (Technical University of Munich), Patrick Sattler (Technical University of Munich), Johannes Zirngibl (Technical University of Munich), Christoph Schwarzenberg (Technical University of Munich), and Georg Carle (Technical University of Munich)

Mapping the Ukrainian Refugee Crisis Using Internet Measurements
Tal Mizrahi (Technion, Israel Institute of Technology) and Jose Yallouz (Technion, Israel Institute of Technology)

Not-So-Low Hanging Fruit: Security and Privacy Research Opportunities for IETF Protocols
Christopher A. Wood (Cloudflare)

Panel Discussion: What do we want the Internet to look like in 20 years?
Lixia Zhang (UCLA), Christopher A. Wood (Cloudflare), Jörg Ott (Technical University of Munich)
Moderator: Maria Apostolaki (Princeton)

Session 3 (15:30-17:00 PDT)

Lowering the Barriers to Working with Public RIR-Level Data
Alfred Arouna (SimulaMet / OsloMet), Ioana Livadariu (SimulaMet), and Mattijs Jonker (University of Twente)

Call for Collaboration: DNS Integrations
Swapneel Sheth (Verisign) and Andrew Kaizer (Verisign)

Gotta Query 'Em All, Again! Repeatable Name Resolution with Full Dependency Provenance
Johannes Naab (Technical University of Munich), Patrick Sattler (Technical University of Munich), Johannes Zirngibl (Technical University of Munich), Stephan Günther (Technical University of Munich), and Georg Carle (Technical University of Munich)

Enabling Multi-hop ISP-Hypergiant Collaboration
Cristian Munteanu (Max Planck Institute for Informatics), Oliver Gasser (Max Planck Institute for Informatics), Ingmar Poese (BENOCS), Georgios Smaragdakis (TU Delft), and Anja Feldmann (Max Planck Institute for Informatics)

Daisy: Practical Anomaly Detection in large BGP/MPLS and BGP/SRv6 VPN Networks
Alex Huang Feng (INSA Lyon), Pierre Francois (INSA Lyon), Stéphane Frenot (INSA Lyon), Thomas Graf (Swisscom), Wanting Du (Swisscom), and Paolo Lucente (pmacct)

Logistics

Program, paper PDFs, and presentation videos

• ANRW '23 website: https://irtf.org/anrw/2023/program.html

Join the queue on Meetecho to ask a question (in person or remotely)

• Meeting links in IETF agenda: https://datatracker.ietf.org/meeting/117/agenda

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