

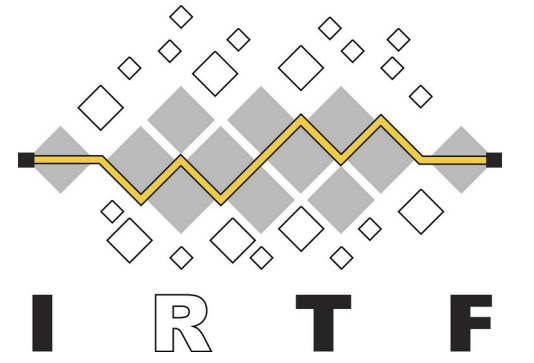


ANRW 2024: Welcome & Opening Remarks

Chairs: Jayasree Sengupta (BIT Mesra, India)
 Simone Ferlin (Red Hat)
 Ignacio Castro (Queen Mary University of London)

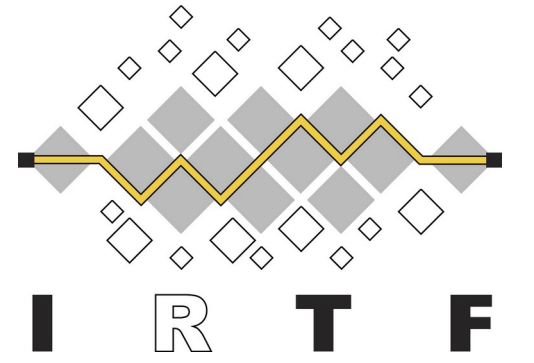


Note Well – Intellectual Property



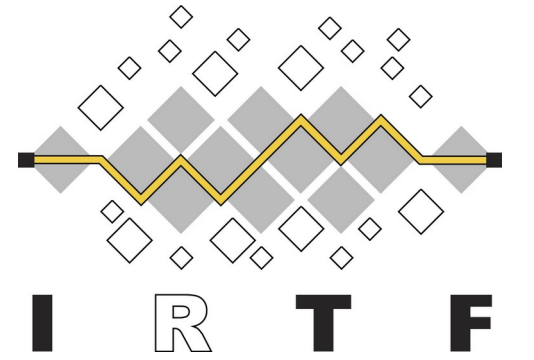
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Thanks to our Support Team!

Colin Perkins (IRTF Chair)

Amy Vezza

Alexa Morris

Program: Welcome, keynote & session 1

9:30 - 10:00 Welcome by the Chairs

10:00 - 10:45 Keynote by Sharad Agarwal (Microsoft)

Lessons I learned in leveraging AI+ML for 5G/6G systems

Morning Session: measurements

10:45 - 11:07 *HTTP/3's Extensible Prioritization Scheme in the Wild*

J. Herbots, R. Marx, M. Wijnants, P. Quax, W. Lamotte

11:07 - 11:29 *The Observer Effect in Computer Networks*

T. Mizrahi, M. Schapira, Y. Moses

Session 2: routing and congestion

Chair: Matthias Waehlich, TU Dresden

13:00 - 13:22 *Investigating Location-Aware Advertisements in Anycast IP Networks*

S. Kastanakis, V. Giotsas, I. Livadariu, N. Suri

13:22 - 13:44 *An Empirical Characterization of Anycast Convergence Time*

B. Degen, M. Jonker, R. van Rijswijk-Deij, R. Sommesse

13:44 - 14:06 *DARE: Making Diffusing Computations More Efficient for Loop-Free*

Shortest-Path Routing - J. Garcia-Luna-Aceves, M.

Moghaddassian

13:44 - 14:06 *To QoE or not to QoE*

S. Nádas, L. Ernström, L. Szilágyi, G. Patra, D. Krylov, J.

Lynam

14:06 - 14:28 *To switch or not to switch to L4S? Incentives for adopting L4S in a*

partial deployment - F. Sarpkaya, A. Srivastava, F. Fund, S. Panwar

Session 3: security and energy

Chair: Juan Camilo Cardona, NTT

15:30 - 15:52 *Low-Carb BGP: A Carbon-Aware Inter-Domain Routing Extension to BGP*

E. Sutherland, I. Phillips

15:52 - 16:14 *Implementing and Evaluating IOAM Integrity Protection*

J. Iurman, B. Donnet

16:14 - 16:36 *Assessing the security of Internet paths: A case study of Dutch critical*

infrastructures - S. Khadka, S. Bayhan, R. Holz, C. Hesselman

16:36 - 16:58 *Protocol Fixes for KeyTrap Vulnerabilities*

N. Vogel, H. Schulmann, M. Waidner, E. Heftrig

16:58 - 17:20 *UniSAV: A Unified Framework for Internet-Scale Source Address Validation*

L. Qin, L. Liu, D. Li, L. Chen, Y. Shi, H. Yang

Session 4: lightning papers

Chair: Thomas C. Schmidt, HAW Hamburg

17:30 - 17:45 *Towards Measuring Content Locality*

J. Madeley, A. Phokeer, A. Siddiqui, T. Benson

16:58 - 17:13 *Investigating Data Center Network Protocols*

P. Willis, N. Shenoy, Y. Pan, B. Stackpole

17:13 - 17:28 *QUICPro: Integrating Deep Reinforcement Learning to Defend against QUIC Handshake Flooding Attacks* - Y Joarder, C. Fung

17:28 - 17:43 *BBRv3 in the public Internet: a boon or a bane?*

D. Zeynali, E. Weyulu, S. Fathalli, B. Chandrasekaran, A.

Feldmann

17:43 - 17:58 *Harnessing Public Code Repositories to Develop Production-Ready*

ML Artifacts for Networking - P. Khan, S. Guthula, R. Beltiukov,

R.

Schmid, T. Bühler, A. Gupta, L. Vanbever, W. Willinger

17:58 - 18:13 *Do Large Language Models Dream of Sockets?*

J. Arkko, D. Lindbo, M. Klitte

Logistics

Program and paper PDFs □ ANRW '23 website

<https://irtf.org/anrw/2024/program.html>

To ask a question: join the queue on Meetecho --both in person or remotely!

Meeting links & slides in the ANRW session in the IETF120 agenda □

<https://datatracker.ietf.org/meeting/120/session/anrw>