ANRW 2024: Welcome & Opening Remarks

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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 Waehlisch, TU Dresden

13:00 - 13:22 Investigating Location-Aware Advertisements in Anycast IP Networks
S. Kastanakis, V. Giotsas, I. Livadariu, N. Suri

B. Degen, M. Jonker, R. van Raijsijk-Deij, R. Sommese

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: lightening 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

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

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

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