

The 28th ACM SIGMM Workshop on Network and Operating Systems Support for Digital Audio and Video (NOSSDAV 2018)

Co-located with ACM MMSys 2018
Amsterdam, The Netherlands

Friday, June 15, 2018

9:00-9:30: Registration

9:30-9:35: Welcome/opening

9:35-10:30: Keynote

10:30-11:00: Break

11:00-12:30: “Session I: Network/Caching Issues in Streaming”, Chair: Prof. Aaron Striegel, University of Notre Dame, USA

- #3 A simple yet effective network-assisted signal for enhanced DASH quality of experience
- #12 QoE-Aware Video Storage Power Management Based on Hot and Cold Data Classification
- #10 Competitive Analysis of Data Sponsoring and Edge Caching for Mobile Video Streaming
- #25 How can Cellular Throughput Predictions Improve DASH QoE?

12:30-13:30: Lunch

13:30-15:00: Session II: “Rate Control in Video Streaming”, Chair: Prof. Cormac J. Sreenan, University College Cork, Ireland

- #13 Cross-Layer Effects on Training Neural Algorithms for Video Streaming
- #6 SEWS: A Channel-Aware Stall-Free WiFi Video Streaming Mechanism
- #17 Layer-Assisted Adaptive Video Streaming
- #2 Delay-Constrained Rate Control for Real-Time Video Streaming with Bounded Neural Network

15:00-15:30: Break

15:30-17:00: “Session III: Immersive Streaming”, Chair: Prof. Ravi Prakash, University of Texas at Dallas, USA

- #24 TiCMP: A lightweight and efficient Tiled Cubemap projection strategy for Immersive Videos in Web-based players

- #19 Implementing Motion-Constrained Tile and Viewport Extraction for VR Streaming
- #9 Understanding Gaming Experience in Mobile Multiplayer Online Battle Arena Games
- #5 Silhouette - Identifying YouTube Video Flows from Encrypted Traffic