3rd Workshop on Communication and Networking Techniques for Contemporary Video

In conjunction with INFOCOM 2017

May 1-4, Atlanta, USA

CALL FOR PAPERS

The workshop on Communication and Networking Techniques for Contemporary Video will take place during INFOCOM 2017 in Atlanta from May 1st to May 4th. The aim of the workshop is to bring together researchers working on communications and networking techniques for delay-sensitive applications, such as streaming video. The focus of the workshop will be mainly on experimental and theoretical aspects of networking and communication layer techniques that tackle the recent explosive growth in video traffic, particularly over wireless networks.

Previously unpublished contributions in communication, storage, caching and networking techniques for contemporary content delivery are solicited including:

- Video caching in wireless networks
- Delay-optimized rate control
- Performance modelling and analysis of video traffic
- Feedback techniques in streaming
- Scheduling for wireless video
- Cloud-based solutions for video streaming
- Buffer control in wireless video
- Mobile video services and applications
- Mobile video streaming
- Video distribution techniques in mobile cloud environments
- Sequential source and channel coding
- Distributed storage
- Mobile cloud video streaming
- Multi-peer video distribution in dynamic environments
- QoE issues regarding video traffic
- HTTP adaptive streaming
- Protocols and algorithms for video transmission
- Network coding for content delivery
- Adaptive bit rate techniques in wireless networks
- Energy saving for wireless video transmission

Important Dates

Submission deadline: January 10\(^{th}\), 2016
Authors Notification: February 22\(^{nd}\), 2017
Final Manuscript Due: March 12\(^{th}\), 2017

Workshop Co-chairs

Petros Spachos, University of Guelph, Canada
Angelos Marnerides, Lancaster University, UK
Amit Dvir, Ariel University, Israel

Steering Committee

Mike Devetsikiotis, University of New Mexico, USA
Alberto Leon-Garcia, University of Toronto, Canada

For more information, visit: