

Workshop on Adaptive Media Transport

May 18 and 19th, 2015 – Cisco Systems, Paris, France

Logistics Information

Location	Cisco Systems, 1st Floor, Chagall and Gauguin Conference Rooms L'Atlantis, 11, Rue Camille Desmoulins Issy Les Moulineaux, Ile De France 92782		
Times	May 18 th , 08:30-21:30 May 19 th , 08:30-18:30		
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Agenda for Day 1 – May 18th

8:30-9:00 Breakfast (Provided at the venue)

9:00-10:30 Introductions and Keynote

9:00-9:05 Guillaume de Saint Marc, Cisco
Welcome remarks

9:05-9:10 Dave Oran, Cisco
Workshop purpose, goals, ground rules, agenda overview

9:10-9:30 All
Introductions, brief interest statements

9:30-10:30 Neill Kipp, Comcast
Comcast VIPER: Addressing the Five Ls of Linear ABR Delivery

10:30-11:00 Coffee Break

11:00-13:00 Talks: Live Delivery in DASH

11:00-11:30 Stephen Perrott, BBC
Time Challenge - Setting Up Reliable Long Running Live DASH Streams for a Wide Client Base

11:30-12:00 Raphaël Goldwaser, France TV and Nicolas Weil, Akamai
Live MPEG-DASH Streaming for HbbTV

12:00-12:30 Thomas Stockhammer, Qualcomm
Low-Latency Live Streaming in DASH

12:30-13:00 Brendan Long, Cable Labs
HTTP "Timeout" Header for Requesting Resources from the Future

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13:00-14:00 Lunch (Provided at the venue)

14:00-16:00 Talks: Network Support for Content Delivery

14:00-14:30 Luca Muscariello, Orange
Self Audio/Video Priority and Latency Reduction with Per-Flow Scheduling in the Network Access

14:30-15:00 Giovanna Carofiglio, Cisco
ICN-Inspired Content Delivery

15:00-15:30 Bill Ver Steeg, Cisco
Mice, Elephants and Active Queue Management

15:30-16:00 Scott Davis, Time Warner Cable
Aggregation of Local and National Content for Next Generation Distribution

16:00-16:30 Coffee Break

16:30-17:30 Talks: Broadcast and Monetization

16:30-17:00 Thomas Stockhammer, Qualcomm
DASH for Broadcast and Hybrid Deployments

17:00-17:30 Ramesh Sitaraman, UMass Amherst and Akamai
How Video Performance Impacts Viewer Behavior and Video Monetization?

17:30-18:30 Panel: Optimizing Mobile Video Delivery

Chair: Dave Oran, Cisco

Panelists: John Graybeal (Cisco), Thomas Stockhammer (Qualcomm), Fabien Goudet (SFR)

18:30-19:00 Free time and walk to the restaurant

19:00-21:30 Dinner

Belle Isle Crêperie Restaurant

Address: 10 sq. Louis Blériot 92130 Issy les Moulineaux

Phone: 01 46 38 66 28, URL: <http://www.creperie-belle-isle-square.fr/>

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Agenda for Day 2 – May 19th

8:30-9:00 Breakfast (Provided at the venue)

9:00-10:00 Keynote

9:00-10:00 Nick Thexton, YouView
DASH Adoption: Collaborate to Compete

10:00-10:30 Coffee Break

10:30-11:30 Panel: Making Video Viewers Happy

Chair: Ali C. Begen, Cisco

Panelists: Ramesh Sitaraman (UMass Amherst and Akamai), Christian Timmerer (Alpen-Adria-University Klagenfurt), Ben Forman (Sky), Varun Singh (Aalto University), Guillaume du Pontavice (Dailymotion)

11:30-13:00 Talks: Transport-Layer Issues

11:30-12:00 Michael Zink, UMass Amherst
Using GENI Testbeds for Adaptive Media Transport Research

12:00-12:30 Saverio Mascolo, Politecnico di Bari
HTTP over UDP: An Experimental Investigation of QUIC

12:30-13:00 Varun Singh, Aalto University
Gearbox: Cache-Friendly Congestion Control for DASH

13:00-14:00 Lunch (Provided at the venue)

14:00-15:00 Talks: Mobile Video

14:00-14:30 Roger Zimmermann, National U. of Singapore
Geo-Predictive Video Streaming over HTTP in Mobile Environments

14:30-15:00 Nicholas Mastronarde, University of Buffalo
Congestion-Aware HTTP Adaptive Streaming in Mobile Broadband Cellular Networks

15:00-16:00 Talks: Media Synchronization and Orchestration

15:00-15:30 Christian Timmerer, Alpen-Adria-University Klagenfurt
Inter-Destination Media Synchronization for Over-the-Top Content Delivery

15:30-16:00 Rob Koenen, TNO
Media Orchestration for Immersive Services

16:00-16:30 Coffee Break

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16:30-18:30 Talks: Streaming Clients and Evaluation

16:30-17:00 Joey Parrish, Google
Be Liberal in What You Accept: the Challenges of a Generic DASH Client

17:00-17:30 Christian Timmerer, Alpen-Adria-University Klagenfurt
How to Objectively/Subjectively Evaluate HTTP-Based Adaptive Media Streaming Systems in Real-World Environments

17:30-18:00 Carsten Griwodz, University of Oslo
Evaluating Adaptation in Pan-Tilt-Zoom Operations on Tiled Video Panoramas

18:00-18:30 Jeff Goldberg, Cisco
Introduction of DVB DASH and the HbbTV Test Regime

18:30 END