8:00 - 8:30 Continental Breakfast, Sitterson Hall
8:30 - 8:45 Introduction (15min)
8:45 - 10:15 Session: Quality for HTTP Streaming (90min)

Session Chair: Roger Zimmerman (National University of Singapore, Singapore)

Shaping HTTP adaptive streams for a better user experience (30min, paper in ACM DL)
QDASH: A QoE-aware DASH system (30min, paper in ACM DL)
Graph-Based Combinations of Fragment Descriptors for Improved 3D Object Retrieval (15min, paper in ACM DL)
Towards the Understanding of Human Perceptual Quality in Tele-immersive Shared Activity (15min, paper in ACM DL)

10:15 - 10:30 Break
10:30 - 11:30 Session: Keynote 1 (60min)

Session Chair: Carsten Griwodz (Simula Research Laboratory and University of Oslo)

Automating Large-Scale Multimedia Exploration for Smarter Planet Applications (slides)

11:30 - 11:45 Break
11:45 - 12:30 Session: Signal Processing (45min)

Session Chair: Christian Timmerer (Alpen-Adria-Universitat ’t Klagenfurt)

Spatio-Temporal Video Copy Detection (30min, paper in ACM DL)
A New Signal Processing Method for Video (15min, paper in ACM DL)

12:30 - 14:00 Lunch Break
14:00 - 15:15 Session: Emerging Topics (75min)

Session Chair: Surendar Chandra (FXPal, CA, USA)

Multi-Video Summary and Skim Generation of Sensor-rich Videos in Geo-Space (30min, paper in ACM DL)
Scheduler Support for Video-oriented Multimedia on Client-side Virtualization (30min, paper in ACM DL)
P2P Streaming: a Study on the Use of Advertisements as Incentives (15min, paper in ACM DL)

15:15 - 15:30 Break
15:30 - 16:15 Session: Datasets (45min)

Session Chair: Zixia Huang (University of Illinois at Urbana-Champaign)

6DMG: A New 6D Motion Gesture Database (15min, paper in ACM DL)
Dynamic Adaptive Streaming over HTTP Dataset (15min, paper in ACM DL)
Network Traffic from Anarchy Online: Analysis, Statistics and Applications (15min, paper in ACM DL)

16:15 - open end Session: Demos and posters
Thursday, February 23, 2012

8:00 - 8:30 Continental Breakfast, Sitterson Hall
8:30 - 10:00 Session: Supporting 3D Content (90min)

Session Chair: Michael Zink (University of Massachusetts at Amherst)

The n-Dimensional Display Interface: A More Elastic Narrow Waist for the Display Pipeline (30min, paper in ACM DL)
Copy Detection of 3D Videos (30min, paper in ACM DL)
Adaptive 3D Texture Streaming in M3G-based Mobile Games (15min, paper in ACM DL)
Quality Selection for Dynamic Adaptive Streaming over HTTP with Scalable Video Coding (15min, paper in ACM DL)

10:00 - 10:15 Break

10:15 - 11:15 Session: Keynote 2 (60min)

Session Chair: Mark Claypool (Worcester Polytechnic Institute)

Content Delivery Considerations for Different Types of Internet Video (slides)

11:15 - 11:30 Break

11:30 - 12:15 Session: Adapting to Mobility (part 1, 45min)

Session Chair: Andreas Petlund (University of Oslo)

Receiver Driven Rate Adaptation (30min, paper in ACM DL)
Adaptive Scalable Video Streaming in Wireless Networks (15min, paper in ACM DL)

12:15 - 13:30 Lunch Break

13:30 - 14:15 Session: Adapting to Mobility (part 2, 45min)

Session Chair: Andreas Petlund (University of Oslo)

Mobile JND: Environment Adapted Perceptual Model and Mobile Video Quality Enhancement (30min, paper in ACM DL)
Collaborative Caching for Efficient Dissemination of Personalized Video Streams in Resource Constrained Environments (15min, paper in ACM DL)

14:15 - 14:30 Break

14:30 - 16:15 Session: Adapting to Infrastructures (105min)

Session Chair: Gwendal Simon (Telecom Bretagne)

AngelCast: Cloud-based Peer-Assisted Live Streaming Using Optimized Multi-Tree Construction. (30min, paper in ACM DL)
A Longitudinal View of HTTP Video Streaming Performance (30min, paper in ACM DL)
Experimental Study of Video Uploading from Mobile Devices with HTTP Streaming (30min, paper in ACM DL)
Synchronized Delivery of Multimedia Content over Uncoordinated Broadcast Broadband Networks (15min, paper in ACM DL)

16:15 - Visit to Ackland Museum
followed by Reception

Friday, February 24, 2012
8:00 - 8:30 Continental Breakfast, Sitterson Hall
8:30 - 8:35 Introduction
8:35 - 10:15 Session: Quality Assessment and Application (100 min)
  ViMSSIM: From Image to Video Quality Assessment (25min, paper in ACM DL)
  Quantitative and Qualitative Assessment of QoE for Multimedia Services in Wireless Environment (25min, paper in ACM DL)
  SeamCrop: Changing the Size and Aspect Ratio of Videos (25min, paper in ACM DL)
  A New Smartphone Lane Detection System: Realizing True Potential of Multi-core Mobile Devices (25min, paper in ACM DL)
10:15 - 10:30 Break
10:30 - 11:30 Session: MoVid Keynote (60min)
  Challenges Leveraging the Burgeoning Power of Mobile Multimedia Architectures for Innovative Commercial Multimedia Applications
11:30 - 11:45 Break
11:45 - 12:45 Session: MoVid Panel Discussion (60min)
12:30 - 14:30 Lunch Break
14:30 - 16:10 Session: Multimedia Transport (100 min)
  A Comparison of Quality Scheduling in Commercial Adaptive HTTP Streaming Solutions on a 3G Network (25min, paper in ACM DL)
  Video Streaming over Cognitive Radio Networks (25min, paper in ACM DL)
  An Evaluation of Dynamic Adaptive Streaming over HTTP in Vehicular Environments (25min, paper in ACM DL)
  Multicasting of Multiview 3D Videos over Wireless Networks (25min, paper in ACM DL)
16:10 - 16:15 Conclusion