

mhv/2023



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ACM MILE HIGH VIDEO

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Leading Video Coding and Streaming Event Since 2016

May 7-10, 2023 – Denver, CO, USA



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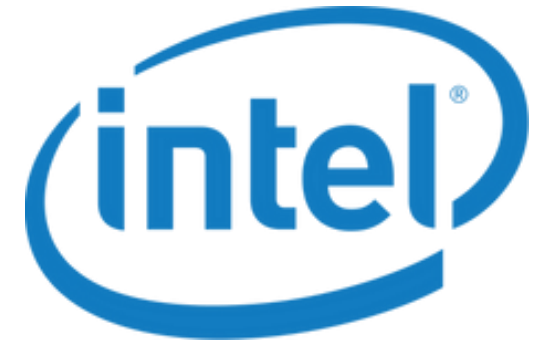
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ACM MHV/2023 Technical Co-sponsors



Keynote Speakers



Prof. Alan Bovik

Director of Laboratory for
Image & Video Engineering at
University of Texas, Austin



Mickaël Raulet

CTO at Ateme



Amit Bagga

Senior Vice President of Video
Entertainment and AI
Platforms at Comcast

Highlights at ACM MHV/2023

- **Video streaming sessions**
 - Adaptive video encoding/streaming
 - Networking, media delivery and analytics
 - QUIC protocol
 - Media processing and streaming optimization
 - Immersive technologies and low-latency
 - Updates on standards and 5G media streaming
- **Video coding sessions**
 - Video coding standards
 - Video codecs optimization
 - Performance evaluations, visual quality, and QoE
- **Four practical tutorials**
 - "DASH based media streaming with dash.js", Daniel Silhavy (Fraunhofer FOKUS)
 - "Exploring the Capabilities of ISOBMFF (MP4)", Dimitri Podborski (Apple)
 - "Encoding and Packaging x265/HDR with FFmpeg, Bento4 and mp4box", Jan Ozer (NETINT)
 - "A hands-on tutorial for using VMAF in practice", Christos Bampis (Netflix)
- **Happy Hour (sponsored by Amazon)**
- **Panel on "Women in Video - Why Are We Still Talking About This?" (incl. Q&A)**
 - Organizer and Moderator: Florence Agboma (Senior Manager - Video Experience at Sky)
 - Panelists: Tamar Shoham (CTO at Beamr); Anne Aaron (Director of Encoding Technologies at Netflix); Victoria Tuzova (Global Business Development & Marketing Manager at Elecard); Denise Noyes (Principal Software Engineer at META)
- **Panel on "AI-Based Technologies in Video Coding and Streaming: the Future Outlook"(incl. Q&A)**
 - Organizer and Moderator: Dan Grois (Principal Researcher at Comcast),
 - Panelists: Alan Bovik (Professor at University of Texas at Austin), Mickael Raulet (CTO at AteMe), Ishtiaq Faisal (Executive Director at Comcast), Zoe Liu (CTO at Visionular), and Jan De Cock (Director Codec Development at Synamedia)
- **Amazon technical session**
 - "How Prime Video reliably distributes live TV to millions of customers globally, while managing costs, and a technical dive into two perceptually-motivated techniques that reduce bitrate while maintaining high visual quality", Ramzi Khsib (AWS Elemental) and Ben Forman (Prime Video)
- **Happy Hour and Awards Ceremony (sponsored by Comcast)**

Camera-Ready Papers

The link for accessing and downloading camera-ready papers, both extended abstracts and full-length papers, is as follows:

<https://tinyurl.com/mhv23papers>

ACM MHV/2023 Organization Committee

- **General Chairs**

- Alex Giladi, Comcast
- Ali C. Begen, Ozyegin University
- Tamar Shoham, Beamr

- **Technical Program Chairs**

- Christian Timmerer, Alpen-Adria-Universität Klagenfurt
- Dan Grois, Comcast

- **Proceedings Chairs**

- Ekrem Cetinkaya, Alpen-Adria-Universität Klagenfurt
- Minh Nguyen, Alpen-Adria-Universität Klagenfurt

- **Publicity Chair**

- Cise Midoglu, Simula