PROGRAM
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SCHEDULE OVERVIEW:

Tuesday Evening, March 24:
Registration and Reception (7pm - 10pm)

Wednesday, March 25:
Morning: Technical Sessions 1,2 (9:00am - noon)
Mid-Day: Keynote Speaker (2:30pm - 3:30pm)
Afternoon: Technical Sessions 3,4 (4:00pm - 6:20pm)

Thursday, March 26:
Morning: Technical Sessions 5,6,7 (9:00am - noon)
Mid-Day: Technical Session 8 (2:30pm - 3:50pm)
Afternoon: Poster Session and Reception (4:00pm - 7:00pm)

Friday, March 27:
Morning: Technical Sessions 9,10 (9:00am - 11:40am)
Mid-Day: Technical Session 11 (noon - 1:00pm)
TUESDAY EVENING - Registration / Reception, 7:00-10:00pm (Golden Cliff Room)

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9:00am: DRASIC: Distributed Recurrent Autoencoder for Scalable Image Compression...... 3
   Enmao Diao¹, Jie Ding², and Vahid Tarokh¹
   ¹Duke University, ²University of Minnesota-Twin Cities

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Quality is in the Eye of the Beholder

Alan C. Bovik, Director

*Laboratory for Image and Video Engineering (LIVE)*

*The University of Texas at Austin*

In this talk I will discuss recent experiments targeting a deeper understanding of the relationships between global and local visual perception of picture quality and compression. Specifically, I will discuss novel deep network architectures for picture quality analysis and novel loss functions for picture compression, leading to interesting potential advances in practice.

Al Bovik is the Cockrell Family Regents Endowed Chair Professor at The University of Texas at Austin. He has received many major international awards, including the 2019 Progress Medal of the Royal Photographic Society, the 2019 IEEE Fourier Award, the 2017 Edwin H. Land Medal from the Optical Society of America, the 2015 Primetime Emmy Award for Outstanding Achievement in Engineering Development from the Academy of Television Arts and Sciences, and the Norbert Wiener and ‘Sustained Impact’ Awards of the IEEE Signal Processing Society. His is a Fellow of the IEEE, the Optical Society of America, and SPIE. His books include *The Handbook of Image and Video Processing*, Modern Image Quality Assessment, and *The Essential Guides to Image and Video Processing*. Al co-founded and was the longest-serving Editor-in-Chief of the IEEE Transactions on Image Processing and created the IEEE International Conference on Image Processing in Austin, Texas, in November, 1994.
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   ¹Huawei Technologies, ²Alibaba Group, ³Qualcomm Inc

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POSTER SESSION AND RECEPTION

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