

## PROGRAM

### Data Compression Conference (DCC 2008)

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**Snowbird, Utah**

**March 25-27, 2008**

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##### ***Monday Evening, March 24:***

Registration and Reception

##### ***Tuesday, March 25:***

Morning: Technical Sessions 1, 2, 3

Mid-Day: Invited Presentation

Afternoon: Technical Sessions 4, 5

##### ***Wednesday, March 26:***

Morning: Technical Sessions 6, 7, 8

Mid-Day: Technical Session 9

Afternoon: Poster Session and Reception

##### ***Thursday, March 27:***

Morning: Technical Sessions 10, 11, 12

## MONDAY EVENING

Registration / Reception, 7:00-10:00pm (Golden Cliff Room)

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**TUESDAY MID-DAY INVITED PRESENTATION**

2:30pm - 3:30pm

**The Future of Image Compression**

*William A. Pearlman, Rensselaer Polytechnic Institute*

One hears frequently that there is no future for research in image compression. At the turn of the 20th century, some eminent physicists were saying the same for physics research. It was felt that in that discipline, as in image compression, that there was nothing left to be discovered. In this talk, we shall examine the relevance of this hypothesis to image compression. First, there is the question whether current methods are approaching the fundamental limits on efficiency. Secondly, image datasets are increasing in dimension and dramatically in size and their modes of transmission, viewing, and exploitation are evolving to new forms with advances in technology. Different attributes of compression, aside from efficiency, such as low memory utilization and power consumption, small complexity, and scalability will become increasingly important. We shall explore techniques that have the potential to meet future goals while preserving or enhancing efficiency. We shall also speculate on avenues of possible breakthroughs. Hopefully, we shall succeed in illuminating the question of whether there is potentially meaningful research left in the field of image compression.

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4:00-7:00pm

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