The Capocelli Prize

is awarded annually for a student-authored DCC paper;
in memory of our friend and colleague Renato M. Capocelli,

2011: John Z. Sun, Massachusetts Institute of Technology, "Scalar Quantization For Relative Error" (coauthored with Vivek Goyal).

2010: Navid Abedini, Texas A&M University, "A SAT-Based Scheme to Determine Optimal Fix-free Codes" (coauthored with Sunil Khatri and Serap Savari).

2009: Pavol Hanus, Technische Universitat Munchen, "Source Coding Scheme for Multiple Sequence Alignments" (coauthored with Janis Dingel, Georg Chalkidis, Joachim Hagenaier).

2008: Yuval Kochman, Tel Aviv University, "Noise-Shaped Predictive Coding for Multiple Descriptions of a Colored Gaussian Source" (coauthored with Jan Ostergaard and Ram Zamir).

2006: Dongsheng Bi, University of Nebraska, Lincoln, "State Machine Interpretation of Arithmetic Codes for Joint Source and Channel Coding" (coauthored with Michael W. Hoffman, and Khalid Sayood).

and

Lav Varshney, Massachusetts Institute of Technology, "Toward a Source Coding Theory for Sets" (coauthored with Vivek K. Goyal).


2003: Narayana P. Santhanam, University of California at San Diego, “Performance of Universal Codes over Infinite Alphabets” (co-authored with A. Orlitsky).


1997: Matthias Ruhl and Hannes Hartenstein, Universität Freiburg, “Optimal Fractal Coding is NP-Hard”.


vi