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Livia Hummel* (hummell@indy.edu). *Homological Perspectives on Coherent Rings.*

The theories of coherent Cohen-Macaulay and Gorenstein rings developed by Hamilton and Marley, and Hummel and Marley, respectively, are built upon a homological framework. This talk will explore connections between developments in the theory of homological dimensions and the theory of coherent Gorenstein rings. (Received December 02, 2012)