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**S. Molahajloo**, Department of Mathematics, IASBS, 4513879368 Gava zang, Zanjan, Iran, **Kasso Okoudjou\*** ([kasso@math.umd.edu](mailto:kasso@math.umd.edu)), Department of Mathematics, University of Maryland, College Park, MD 20742, and **G. Pfander**, School of Science and Engineering, Jacobs University, 28759 Bremen, Germany. *On the boundedness of the bilinear Hilbert transform on modulation spaces.*

In this talk, we present new boundedness results for multilinear pseudodifferential operators on products of modulation spaces. These results are derived by relying on ordered integrability conditions on the short-time Fourier transform of the operators' symbols. The flexibility and strength of the introduced methods are demonstrated by their applications to the bilinear and trilinear Hilbert transform. The talk is based on a joint work with S. Molahajloo, and G. Pfander (Received February 15, 2016)