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Daniel Conus* (daniel.conus@lehigh.edu), Mathematics Department / Lehigh University, Christmas-Saucon Hall, 14 East Packer Avenue, Bethlehem, PA 18015. *Intermittency properties for a class of SPDEs driven by fractional noise.*

A space-time random-field is called physically intermittent if it develops high-valued *peaks* concentrated on small spatial *islands* as time gets large. In this talk, we will illustrate this notion by discussing several examples of intermittent random fields given by solutions to a class of parabolic and hyperbolic SPDEs. In particular, we will present some results related to equations driven by fractional noise. (Received February 15, 2016)