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Ilya A. Krishtal* (ikrishtal@niu.edu), Department of mathematical Sciences, Watson Hall
320, DeKalb, IL 60115. *Dynamical sampling of evolving signals.*

I will discuss basic ideas of dynamical sampling, which is a new approach for processing signals that evolve in time. The main idea is that in many cases one can compensate for insufficient spacial sampling density by utilizing samples obtained at different time levels. The talk is based on joint work with A. Aldroubi and J. Davis. (Received August 21, 2013)