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A. Raghuram* (raghuram@iiserpune.ac.in), Professor and Coordinator, Mathematics, Indian Institute of Science Ed. and Research, Dr. Homi Bhabha Road, Pashan, Pune, Maharashtra 411008, India. *Application of Langlands Functoriality to the special values of L-functions*. Preliminary report.

I will talk about some new developments concerning the special values of automorphic L-functions. One can use Langlands functoriality to prove rationality results for the special values of symmetric power L-functions attached to cusp forms on $GL(2)$ over any number field. Even for the symmetric cube L-functions for cusp forms on $GL(2)$ over a CM field such rationality results are new. (Received September 13, 2013)