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Krishnan Shankar* (shankar@math.ou.edu), 601 Elm Ave., PHSC 423, Norman, OK 73019,
and **Christina Sormani**. *Conjugate points on length spaces*.

We present several generalizations of the notion of conjugate point for complete, locally compact, geodesic (i.e., inner) metric spaces. We then prove the analogs of several classical theorems of Riemannian geometry in this setting. (Received August 17, 2007)