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Piotr Hajłasz* (hajlasz@pitt.edu), **Pekka Koskela** and **Heli Tuominen**. *Measure density and extendability of Sobolev functions.*

In the talk new properties and characterizations of Sobolev extension domains will be presented, both in the Euclidean and metric setting. The talk is based on two joint papers. (Received September 12, 2006)