1166-31-39 **Nageswari Shanmugalingam*** (shanmun@uc.edu), University of Cincinnati, Department of Mathematical Sciences, P.O. Box 210025, Cincinnati, OH 45221-0025, and **Jana Bjorn** and **Anders Bjorn**. *Cantor sets and Trees; the link between Sobolev spaces and Besov spaces.*

Given the recent interest in constructing Besov spaces from Dirichlet forms, in this talk we will discuss the topic of Besov spaces of functions on Cantor-type sets by inking them to Sobolev spaces of functions on metric trees. This is based on joint work with Anders Bjorn and Jana Bjorn and James T. Gill. (Received February 04, 2021)