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Christopher Cashen and **Pallavi Dani***, Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803, and **Anne Thomas**. *The quasi-isometry classification of certain hyperbolic right-angled Coxeter groups.*

A fundamental question in geometric group theory is that of classifying finitely generated groups up to quasi-isometry. When one is considering hyperbolic groups, a useful tool for this purpose is the (Gromov) boundary, which is a quasi-isometry invariant. I will describe what has been established about the quasi-isometry classification of hyperbolic right-angled Coxeter groups through studying boundaries. I will focus on recent progress made jointly with C. Cashen and A. Thomas. (Received September 24, 2017)