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Karen R. Strung*, ul. Śniadeckich 8, 00-656 Warsaw, Poland. *C*-algebras associated to minimal dynamical systems.*

I will discuss the classification problem for C^* -algebras associated to minimal dynamical systems on compact metrizable spaces. While these are always simple, separable, unital and nuclear, in full generality they are not classifiable by the K -theoretic Elliott invariants. Nevertheless, the problem appears tractable in case the minimal dynamical system has mean dimension zero. I will discuss known results and their techniques, why these are not enough to cover all examples, and possible ways forward towards more classification results. (Received September 16, 2014)