

Abstract Submitted
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Temperature Dependent Structure of Thermoelectric Ca₃Co₄O₉

TAO WU, TREVOR TYSON, HAN ZHANG, NJIT, MILINDA ABEYKOON, Photon Sciences, BNL — Structural studies of thermoelectric “Ca₃Co₄O₉” have been conducted for a broad range of temperatures using probes covering multiple length scales. Details on the structure and its connection to the electron transport and thermal properties will be discussed. This work is supported by DOE Grant DE-FG02-07ER46402.

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