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Bio: Hayden Taylor is an Associate Professor of Mechanical Engineering at the University of California, Berkeley. His research spans the invention, modeling and simulation of manufacturing processes, with the aim of reducing materials and energy usage to support industrial decarbonization. Current research activities have the following themes: (A) processing of materials for sustainable construction, (B) multi-scale volumetric additive manufacturing, and (C) contact mechanics in semiconductor manufacturing. He holds B.A. and M.Eng. degrees in Electrical and Electronic Engineering from Cambridge University and a Ph.D. in Electrical Engineering and Computer Science from MIT.