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In situ test results for a cavity solar receiver

Thursday, 29 July 2021 11:30 (15 minutes)

A novel cavity type solar receiver for solar trough thermal plants was developed. Previously, the theory for such a receiver was developed, and a simulation written based on it. Some results from the simulation were compared to an indoors experiment to encouraging agreement. In this talk, I present a version that was developed for a ˜20kW solar plant and is tested in the open using an in-house designed solar setup. Engineering and economic aspects of the solar plant will be discussed as well as some results related to the thermal properties.

Apply to be considered for a student ; award (Yes / No)?

no

Level for award;(Hons, MSc, PhD, N/A)?

NA

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