



Contribution ID: 332

Type: **Presentation**

Experimental performance of three solar receivers that use oil as a heat transfer fluid

A Conical Tube (CT) and two volumetric solar receivers have been designed. The volumetric receivers have maximum efficiencies of 35 % for outlet temperatures (T_{out}) of 100 oC while that of the CT receiver is 42 %. Thus the CT receiver has best designed.

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Track Classification: Track F - Applied and Industrial Physics