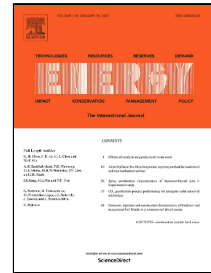


# Accepted Manuscript

Modeling and experimental study on combination of foam and variable density multilayer insulation for cryogen storage

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1. A generalized layer by layer method for predicting the thermal performance of FMLI has been proposed.
2. The temperature profile and mean heat flux of FMLI samples were measured at different vacuum level.
3. The model validity was experimentally verified and FMLI outperforms in all pressure range investigated.

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