

Accepted Manuscript

Title: A numerical and experimental investigation of convective heat transfer during laser-powder bed fusion

Authors: Mohammad Masoomi, Jonathan W. Pegues, Scott M. Thompson, Nima Shamsaei



PII: S2214-8604(18)30293-8
DOI: <https://doi.org/10.1016/j.addma.2018.06.021>
Reference: ADDMA 435

To appear in:

Received date: 3-5-2018
Revised date: 6-6-2018
Accepted date: 27-6-2018

Please cite this article as: Masoomi M, Pegues JW, Thompson SM, Shamsaei N, A numerical and experimental investigation of convective heat transfer during laser-powder bed fusion, *Additive Manufacturing* (2018), <https://doi.org/10.1016/j.addma.2018.06.021>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

-Cover Page-

A Manuscript entitled:

A numerical and experimental investigation of convective heat transfer during laser-powder bed fusion

Submitted to:

Additive Manufacturing

Authored by:

Mohammad Masoomi, Jonathan W. Pegues, Scott M. Thompson[†], Nima Shamsaei

Department of Mechanical Engineering, Auburn University, Auburn, AL 36849, United States of America

National Center for Additive Manufacturing Excellence (NCAME), Auburn University, Auburn, AL 36849, United States of America

[†]Corresponding author:

Scott M. Thompson, Ph.D.
Associate Professor
1418 Wiggins Hall
354 War Eagle Way
Auburn, AL, 36849
Email: smthompson@auburn.edu
Phone: (334) 844-4867

Abstract

Download English Version:

<https://daneshyari.com/en/article/7205809>

Download Persian Version:

<https://daneshyari.com/article/7205809>

[Daneshyari.com](https://daneshyari.com)