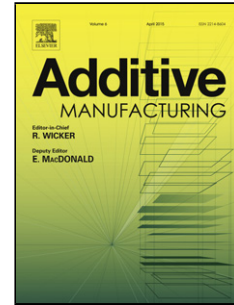


## Accepted Manuscript

Title: Fabrication of smart parts using powder bed fusion additive manufacturing technology

Author: Mohammad Shojib Hossain Jose A. Gonzalez  
Ricardo Martinez Hernandez Mohammad Arif Ishtiaque  
Shuvo Jorge Mireles Ahsan Choudhuri Yirong Lin Ryan B.  
Wicker



PII: S2214-8604(16)30007-0  
DOI: <http://dx.doi.org/doi:10.1016/j.addma.2016.01.001>  
Reference: ADDMA 61

To appear in:

Received date: 19-8-2015  
Revised date: 23-11-2015  
Accepted date: 25-1-2016

Please cite this article as: {<http://dx.doi.org/>

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.

## **Fabrication of smart parts using powder bed fusion additive manufacturing technology**

Mohammad Shojib Hossain<sup>1,2</sup>, Jose A. Gonzalez<sup>1,3</sup>, Ricardo Martinez Hernandez<sup>2</sup>, Mohammad Arif Ishtiaque Shuvo<sup>2</sup>, Jorge Mireles<sup>1,2</sup>, Ahsan Choudhuri<sup>2</sup>, Yirong Lin<sup>2</sup>, and Ryan B. Wicker<sup>1,2</sup>

<sup>1</sup>*W.M. Keck Center for 3D Innovation, The University of Texas at El Paso, TX 79968, USA*

<sup>2</sup>*Department of Mechanical Engineering, The University of Texas at El Paso, TX 79968, USA*

<sup>3</sup>*Department of Metallurgical and Materials Engineering, The University of Texas at El Paso, TX 79968, USA*

Corresponding author: Mr. Jorge Mireles  
The University of Texas at El Paso  
500 W. University Ave  
El Paso, TX 79968  
United States  
Phone: +19157476837  
Fax: +19157477443  
E-mail: [jmireles3@utep.edu](mailto:jmireles3@utep.edu)

Download English Version:

<https://daneshyari.com/en/article/7206012>

Download Persian Version:

<https://daneshyari.com/article/7206012>

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