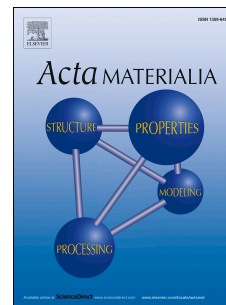


# Accepted Manuscript

A critical evaluation on efficacy of recrystallization vs. strain induced boundary migration in achieving grain boundary engineered microstructure in a Ni-base superalloy

T.S. Prithiv, P. Bhuyan, S.K. Pradhan, V. Subramanya Sarma, S. Mandal



PII: S1359-6454(18)30001-6

DOI: [10.1016/j.actamat.2017.12.045](https://doi.org/10.1016/j.actamat.2017.12.045)

Reference: AM 14273

To appear in: *Acta Materialia*

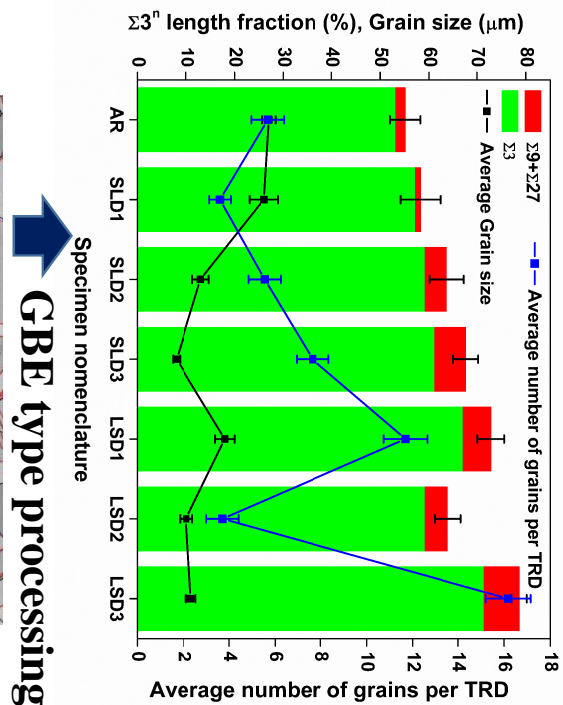
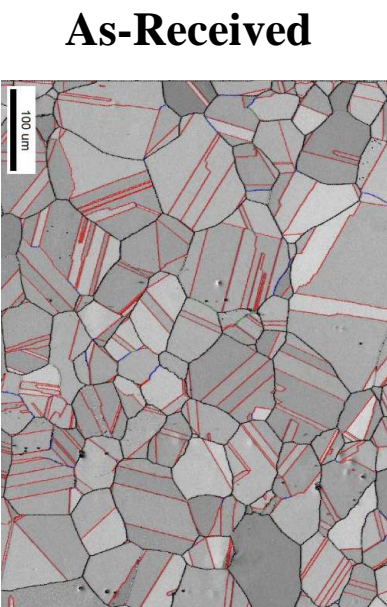
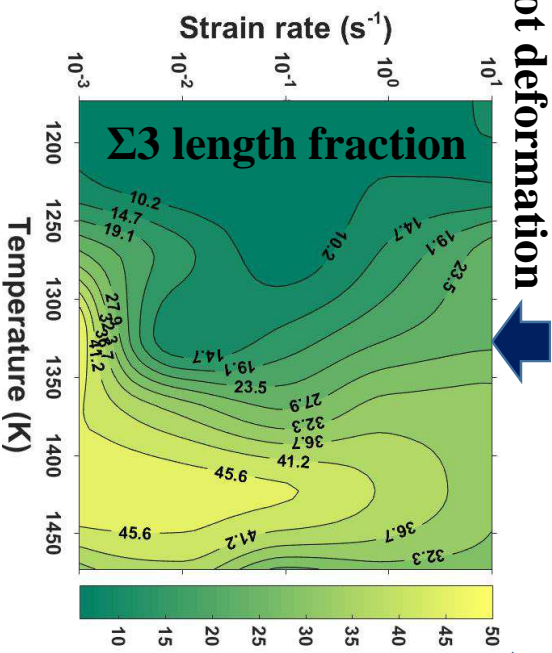
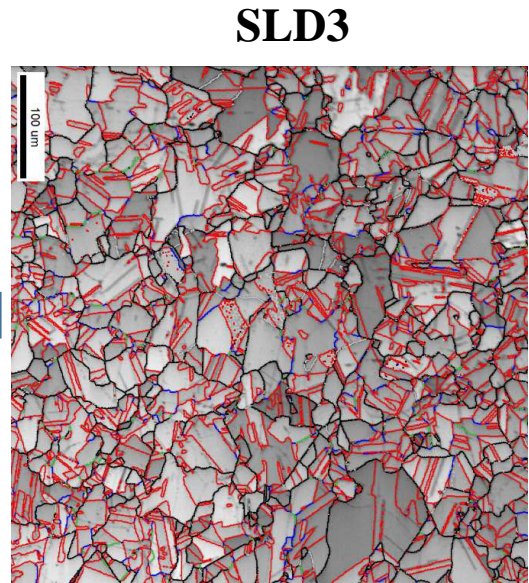
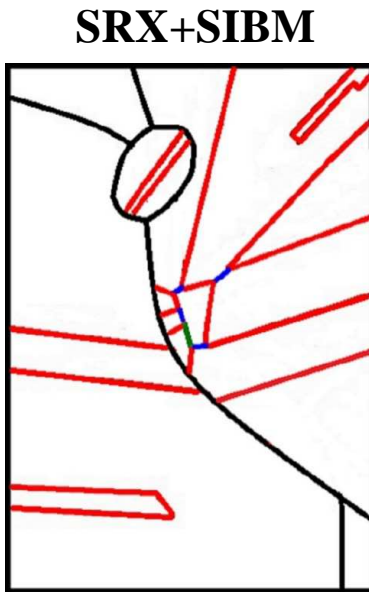
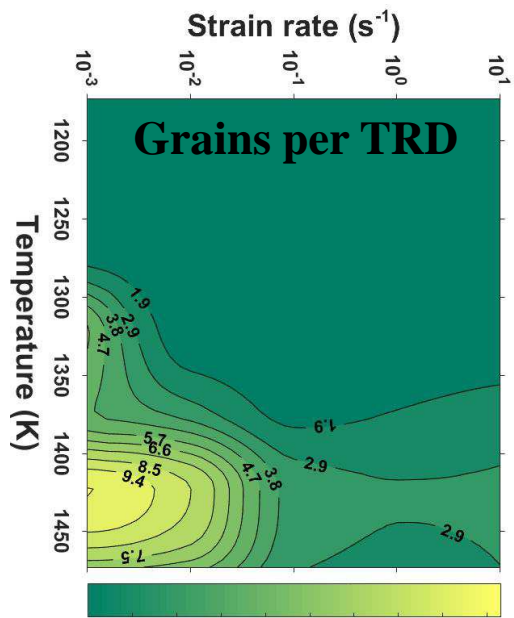
Received Date: 6 September 2017

Revised Date: 27 November 2017

Accepted Date: 15 December 2017

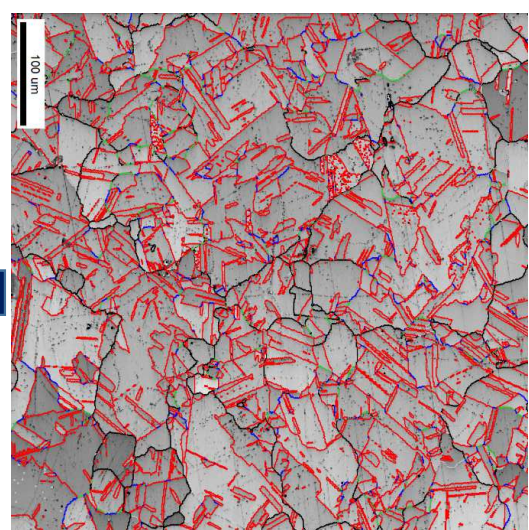
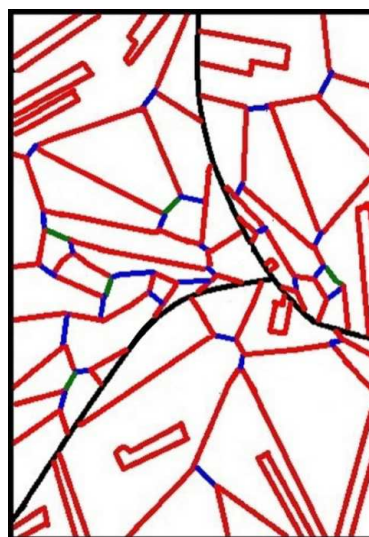
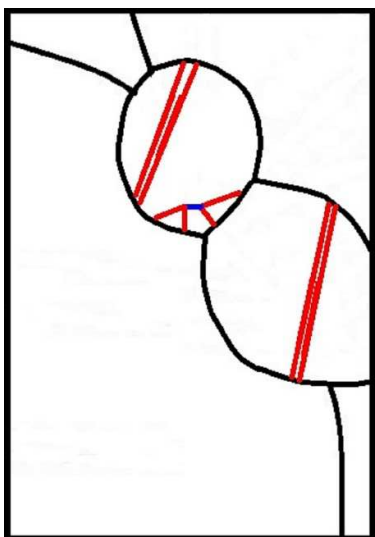
Please cite this article as: T.S. Prithiv, P. Bhuyan, S.K. Pradhan, V. Subramanya Sarma, S. Mandal  
A critical evaluation on efficacy of recrystallization vs. strain induced boundary migration in achieving grain boundary engineered microstructure in a Ni-base superalloy, *Acta Materialia* (2018), doi: 10.1016/j.actamat.2017.12.045.

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.



Hot deformation

GBE type processing



**DRX**

**SIBM**

**LSD3**

Download English Version:

<https://daneshyari.com/en/article/7876713>

Download Persian Version:

<https://daneshyari.com/article/7876713>

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