

Innovative Manufacturing 2018

Topical Conference at the 2018 AIChE Spring Meeting and
14th Global Congress on Process Safety

Orlando, Florida, USA
22 – 25 April 2018

ISBN: 978-1-5108-6434-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2018) by AIChE
All rights reserved.

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact AIChE
at the address below.

AIChE
120 Wall Street, FL 23
New York, NY 10005-4020

Phone: (800) 242-4363
Fax: (203) 775-5177

www.aiche.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

(100a) Integration of Smart Manufacturing in the Advancement of Polymer Processing	1
<i>Efstratios N. Pistikopoulos, Amit Manthanwar, Gerald S. Ogumerem, Baris Burnak</i>	
(100b) Smart Manufacturing: A Must to Remain Competitive	2
<i>Munawar Saudagar, Minghua Ye, Sultan Al-Otaibe, Khalid Al-Jarba</i>	
(100c) Development of an Advanced Control Philosophy for Dry Gas Combined Steam Reforming, to Operate the Plant Efficiently during Feed Composition Changes	3
<i>Jagan Mohan Rallapalli</i>	
(125a) Smart Systems for the Process Industries	4
<i>Samvith Rao</i>	
(125b) Smart Damper Design Provides Better Control of Fired Heaters	5
<i>Ashutosh Garg</i>	
(125c) Application Centralized Information Technology in Process Design Package Development	6
<i>Minghua Ye, Munawar Saudagar, Sergio Mohedas</i>	
Author Index	