

International Automotive Body Congress (IABC 2025 Seoul)

Papers

Seoul, South Korea
5-6 November 2025

Editors:

M Nasim Uddin

Rafiq Uddin

ISBN: 979-8-3313-2919-8

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© (2025) by Global Automotive Management Council (GAMC)
All rights reserved.

Printed with permission by Curran Associates, Inc. (2025)

For permission requests, please contact Global Automotive Management Council (GAMC)
at the address below.

Global Automotive Management Council (GAMC)
M. Nasim Uddin
49559 Lantern Way
Canton, MI 48188

Phone: (734) 546-0450

nasimu@gamcinc.com

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

Development of Advanced 1.5 GPa-Grade Hot Stamping Steel with Enhanced Crash Performance	1
<i>Byung-Gil Yoo, Donghyun Kim, Seung P. Jung, Wan Yook, Seong K. Han</i>	
High-Performance Production of Innovative Laser-Cut and Welded Products	5
<i>Marius Spoettl, Baosteel Lasertechnik</i>	
Laser Weld Characteristic Analysis and the Benefits of Weld Monitoring Base on Optical and Sound Signal.....	9
<i>Seong J. Moon, Yong J. Cho, Young W. Park</i>	
Life Cycle Assessment (LCA) Study of a Vehicle Body with Low Emission Steel Application.....	15
<i>Jong M. Lee, Dae Y. Kim</i>	

Author Index