

# **THERMEC'2006**

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Al Alloys	K. Marthinsen, T. Sato, N. J. Kim, B. Q. Xiong
Mg Alloys	K. U. Kainer, E. Essadiqi, E. H. Han, J. Koike, Z. Liu
Aerospace Structural Metallic Materials	K. V. Jata, T. Kobayashi, C.S. Lee, M. Jahazi, G. Q. Zhang
Automotive Alloys	S. K. Das, J. Sokolowski, S.L. Cockcroft, C. Ravindran, H. Fukutomi, K. S. Shin, Y. Liu
Steels (HSLA/IF/TRIP/Stainless)	K. Tsuzaki, S. Takaki, Y. Q. Weng, S.J. Kim, C. Klinkenberg, E. I. Poliak, N.Akdut, F. J. Yan
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(UHCS)	T. Maki, D. Lesuer, O. Sherby
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Hydrogen & Fuel Cell Technologies	D. Ghosh, H. Yokokawa, M. C. Williams, N. Brandon, D. Wilkinson, P. Singh, S. C. Zhang
Metallic Foams	D.C. Dunand, H. Nakajima, J. Banhart
Intermetallics	Y. W. Kim, R. Yang, K. Maruyama, H. Inui
Nanocrystalline Materials	L.L. Shaw, M. Umemoto, J.S. Lee, J. Xu, K. Ameyama
Metallic Glasses/ Bulk Metallic Amorphous Materials	Y. Shibusani, K. Higashi, T. Egami, N. Wanderka
Biomaterials	D. Mantovani, M. Niinomi, V.I. Sikavitsas, C. Migliaresi
Severe Plastic Deformation	Z. Horita, Y.T. Zhu, N. Tsuji, D.H. Shin, J.T. Wang
Friction Stir Welding/Processing	M. W. Mahoney, R.S. Mishra, Y. Sato, J. dos Santos
Smart/Intelligent Materials	K. Mizuuchi, S. Inoue, J. H. Lee, P. Sittner
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3-D Microstructures: Characterization & Modeling Evolution	K. Janssens, A. Rollet, F. Wakai, D. Raabe
Powder Metallurgy	N. Thadani, H. Miura, X. H. Qu, D. K. Kim
Ecomaterials	K. Halada, M. Mabuchi, B. DeBeneditti, T. G. Gotowski, M. K. Han
Textures	C. Tome, D.N. Lee, L.Toth, T. Senuma, H. Inuo, L. Zuo
Modelling	R. Srinivasan, M. Militzer, H. Onodera, F. Montheillet
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Mechanical Behaviour, TMP	F.Minami, H. Miura, T. Chandra
Fracture & Related Processes	

**Co-Operating Organizations:**

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 The Iron & Steel Institute of Japan  
 The Japan Institute of Light Metals, Japan  
 The Society of Materials Science of Japan, Japan  
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DEDICATED AFFECTIONATELY  
to  
Late Prof. J.Keith Brimacombe (University of British Columbia, Canada)

Outstanding researcher, visionary and a humble human being