

International posters dealing with various aspects of PM and particulate materials technologies will be displayed daily starting on Monday morning. Authors will be available at their posters for protracted discussions on Tuesday 2:00–3:30 p.m. (14:00-15:30). Other days/times when individual authors are available may be posted at the discretion of the poster authors. Manuscripts submitted from poster authors will be published in the conference proceedings.

“Outstanding Poster” and “Poster of Merit” awards will be given by the Poster Program Committee for displays that best meet the established criteria. Award ribbons will be posted prior to the designated discussion period on Tuesday.

POSTER COMMITTEE

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Poster Group A

ADVANCED MATERIALS

0005 *Brazil*

Evaluation of LaCrO₃-Based Coatings on the Ferritic Steel for Solid Oxide Fuel Cell

Wilson Acchar, Clawsio Sousa, Federal University of Rio Grande do Norte, Ledjane Barreto, Federal University of Sergipe & Herval Paes, State University of North Fluminense

0043 *Brazil*

Processing and Microstructural Characterisation of High-Speed Steel AISI M2 With Nb Addition

Francisco Ambrozio Filho, Centro Universitario da FEI & Mauricio M. Neves, Instituto de Pesquisas Energética e Nucleares—IPEN-CNEN

0011 *Ukraine*

Oxide Nanostructured Materials

Viktor N. Varyukhin, Tatjana Konstantinova, Igor Danilenko, Donetsk Institute for Physics & Engineering of NASc of Ukraine

0141 *Malaysia*

Recent Progress in Joining Ceramics to Metals and Survey of the Interfacial Behavior of Some Joined Substrates

Mehdi Mazar Atabaki, UTM

0052 *Brazil*

Development of a WC-Ni-Si-Al-Based Cemented Carbide for Engineering Applications

Edmilson O. Correa, Julio N. Santos, Universidade Federal de Itajuba & Aloisio N. Klein, Universidade Federal de Santa Catarina

0024 *Taiwan*

Making of Mg Metallic-Glass Powders and Their Consolidation

Chi Tsao, Shang K. Fan, National Cheng Kung University

0027 *Taiwan*

Microstructure and Mechanical Properties of Mechanically Alloyed Al₂O₃ Ti-Cu-Ni-Sn Bulk Metallic-Glass Composites Prepared by Vacuum Hot-Pressing

Pee-Yew Lee, National Taiwan Ocean University

0032 *Taiwan*

Fabrication and Corrosion Behavior of Ti-Based Bulk Metallic-Glass Composites Containing Carbon Nanotubes

Pee-Yew Lee, National Taiwan Ocean University

0040 *Venezuela*

Modeling Atomization and Particle-Size Estimating

Ramón A. Tolosa, María G. Bracho, Roberto J. Gil, Richard E. Briceno, Universidad de Los Andes

0038 *Malaysia*

Effect of Mold Geometry on Fiber Orientation of Powder Injection Molded Metal Matrix Composites

Faiz Ahmad, Mohammad Rafi Raza, University Technology Petronas

Poster Group B

PROPERTIES

0015 *Korea*

Effect of Silicon on the Mechanical Properties of WC-Ni Hardmetal

GilGeun Lee, KiHwan Jang, Pukyong National University & ChanYoung Kim, HiMC Co. Ltd.

0075 *Iran*

Influence of Graphite Content on Characteristics of Sintered Copper-Graphite Composite

Maziyar Azadbeh, Sahand University of Technology

0100 *Korea*

Characteristics of HSLA Alloy Steels for the Machine Part of the Automobile Produced by Osprey Forming Method

Su Jung Park, HyunKyu Lee, Chosun University

0121 *Korea*

The Effect of Sintering Conditions on the Properties of WC-10wt %Co PIM Compact

In Shup Ahn, Sung-Hyun Choi, Kyoung-Rok Do, Kwon Ku Cho, Gyeongsang University & Young Sam Kwon, Cetatec Co.

Poster Group C

PROCESSING

0030 *Romania & France*

Optimization of Bronze Composition for the Infiltration of Ferrous Parts Produced by Mean of Selective Laser Sintering

Mircea Nicoara, Aurel Raduta, Roland L. Cucuruz, Politehnica University of Timisoara & Eric Labbe, Institut de Formation Technique Supérieure Charleville-Mézières

0060 *Romania*

NiTi-Nb Shape-Memory Alloys Processing by Reactive Sintering

Radu L. Orban, Nicoaie Jumate, Magdalena Orban, Dana Salomie, Technical University of Cluj-Napoca

0062 *Romania*

TiB₂ InSitu Particulate Reinforced Low-Alloy Sintered Steels

Magdalena Orban, Radu L. Orban, Technical University of Cluj-Napoca

0066 *Colombia & U.S.A.*

Surface-Sintering Enhancement by Abnormal Glow Discharge (AGD), Experimental and Theoretical Approach

Jairo A. Escobar, Dairo Vizcaíno, Universidad de los Andes & Fritz Campo, West Virginia

0065 *Venezuela*

Microscopic Characterization of the Milling of Aluminum and Alumina Powders

Ramón A. Tolosa, Luzmar González, Juan C. Alarcón, Richard E. Briceno, María G. Bracho, Robert J. Gil, Universidad de Los Andes

0076 *South Africa*

Mechanical Alloying and Sintering of Ti-Mg-Based Alloy Powders

Vusumuzi Sibanda, Davison Nyabadza, University of the Witwatersrand

0162 *China*

Synthesis of Granular Cobalt Oxalate for Making Low-Oxygen Sub-micron Cobalt Powder

David X. He, Kaihua Xu, Min Wang, Wei Song, Shenzhen GEM High-Tech Co., Ltd.

