

Novel and Emerging Ceramics and Composites

June 25-30, 2006

POSTER PRESENTATIONS

1. **Solid-particle Erosion of Directionally Solidified Yttria-Doped Alumina/Zirconia Eutectics**
K.C. Goretta, AFOSR/ANL, USA
2. **Microstructure and Mechanical Properties of High Temperature Protonic Conductors**
M. J. Lopez-Robledo, University of Seville, Spain
3. **Microstructure Design and High Temperature Deformation Behavior of Cubic Zirconia with SiO₂ Additions**
S. Tekeli, Gazi University, Turkey
4. **HIGH PRESSURE INFILTRATION-REACTION SINTERING OF ULTRAHARD COMPOSITES: MAIN REGULARITIES, ADVANTAGES, AND RESTRICTIONS**
Georgiy Voronin, Smith, Megadiamond, USA
5. **CHARACTERIZATION OF TPS MATERIALS FOR AEROSPACE APPLICATIONS**
Gilberto Petraconi Filho, Technological Institute of Aeronautics, Brazil
6. **STUDY OF THE ABLATION PROPERTIES AND MICROSTRUCTURAL BEHAVIOR OF ABLATION OF CARBON FIBER REINFORCED CARBON COMPOSITE (C/C COMPOSITE)**
Gilberto Petraconi Filho, Technological Institute of Aeronautics, Brazil
7. **PREPARATIVE OF NICKEL NANOSIZED POWDERS IN VARIOUS AMBIENT GAS PRESSURES BY PULSED WIRE DISCHARGE FOR CARBON NANOTUBE GROWTH**
R. Kobayashi, Nagaoka University of Technology Kamitomioka, Japan