

Thermal Barrier Coatings IV

An Engineering Conferences International Conference Series

Best Poster Awards

“Synthesis and thermophysical properties of $\text{La}_2\text{Sr}_2\text{O}_7/\text{SrZrO}_3$ composite as a new thermal barrier coating material”

Wen Ma

Inner Mongolia University of Technology, China

“Elucidation of the yttria-tantala-zirconia phase diagram”

Chandra A. Macauley

University of California, Santa Barbara, USA

“Understanding the presence of CaSO_4 within CMAS and its effect on the infiltration behavior in EB-PVD 7YSZ”

Ravisankar Naraparaju

Deutsches Zentrum für Luft- and Raumfahrt (DLR), Germany

“Rare earth efficacy for CMAS mitigation in T/EBC systems”

David L. Poerschke

University of California Santa Barbara, USA

“Interdiffusion between vacuum plasma-sprayed protective bond coats and ‘Y/Y’-strengthened cobalt-base superalloys during thermal treatment”

Philipp J. Terberger

Forschungszentrum Jülich GmbH Institute of Energy and Climate Research, Germany

“The influence of the chemical composition on fracture toughness, hardness and Young’s modulus of NiAl bond coats and single crystals”

Ralf Webler

Friedrich-Alexander Universität Erlangen-Nürnberg, Germany