

Ceramic Matrix Composites II

Poster Presentations

1. **Burner rig optimization for high temperature materials and coating systems**
Christopher Ferguson, The University of Akron, USA
2. **Fiber-reinforced ceramic matrices as insulation for a Venus exoskeleton design**
Damien Josset, U.S. Naval Research Laboratory, USA
3. **Influence of ecological optimized manufacturing on the production costs of C/C structures using CVI technology**
Denny Schüppel, Compositing United e. V, Germany
4. **Fabrication method of Yb based Oxide matrix for CMC**
Hiroto Hirano, IHI, Japan
5. **Crack growth of pre-preg laminate composite subjected to elevated temperature fatigue post ballistic impact**
Joseph EL Rassi, The University of Akron, USA
6. **Joining of SiC-SiC composites by embedded-wire CVD**
Mark Schaefer, Free Form Fibers, USA
7. **Durability investigation of burner rig of Yb₂SiO₅ environmental barrier coatings**
Masahiro Negami, Kawasaki Heavy Industries, Ltd., Japan
8. **Chemical and mechanical analysis of high temperature SiC/SiC CMC materials**
Michael Goode, University of Oxford, United Kingdom
9. **Advanced materials development under NASA's Hybrid Thermally Efficient Core (HyTEC) project**
Michael Presby, NASA Glenn Research Center, USA
10. **Optimizing RMI atmosphere for SiC/SiC composites fabrication**
Natsuki Murata, Tokyo University of Technology, Japan
11. **Additive manufacturing of C/C-SiC by fused filament fabrication**
Stefan Schafföner, University of Bayreuth, Germany
12. **Measurement of exothermic reaction temperature during RMI process**
Takumi Sato, Tokyo University of Technology, Japan
13. **Tensile loading-unloading behavior in SiC/SiC CMC at room and elevated temperature in air using a new mechanical testing machine**
Tetsuya Narita, Tokyo University of Technology, Japan