

# Poster Award Winners

## Beyond Nickel-Based Superalloys Conference

Bad Berneck, Germany  
May 13-17, 2013

### First Place

#### **OXIDATION MECHANISMS IN YTTRIUM-ALLOYED Mo-Si-B**

**Sanjib Majumdar**, Daniel Schliephake, Bronislava Gorr, Hans-Jürgen Christ,  
Martin Heilmaier

*Institut für Werkstofftechnik, Universität Siegen, Germany*

### Second Place (tie)

#### **THE EFFECT OF GERMANIUM AND TIN ADDITIONS IN THE MICROSTRUCTURE AND OXIDATION OF NIOBIUM SILICIDE BASED ALLOYS**

**Ofelia Hernandez-Negrete**, Panos Tsakiroopoulos

*University of Sheffield, UK*

#### **NOVEL ANCHOR PHASES FOR ABRASIVE TURBINE TIPS BASED ON NiAl**

**John R. Davenport**, Matthew E. Hancock, Robert J. Stearn, William J. Clegg

*Department of Materials Science & Metallurgy, Cambridge, U.K.*