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TMS 2017
146th Annual Meeting & Exhibition

February 26 – March 2, 2017
San Diego, California, USA

MECHANICAL AND CREEP BEHAVIOR OF ADVANCED MATERIALS: AN SMD SYMPOSIUM HONORING PROF. K. LINGA MURTY

This symposium will celebrate the 75th birthday and life-long contributions of Professor K.L. Murty, and provide a forum to discuss the present status and recent advances in research areas in which he has made seminal contributions.

These areas include:

- High temperature creep deformation of materials and micromechanistic interpretation
- Prediction of mechanical behavior of hexagonal close packed metals/alloys using crystallographic texture
- Creep and fatigue behavior of microelectronic solders
- Radiation tolerance of nanostructured materials
- Development and application of ball indentation techniques as a non-destructive monitoring method of structural materials
- Characterization of dynamical behavior of point and line defects using nuclear magnetic resonance techniques

ORGANIZERS

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PROCEEDINGS PLANS

A stand-alone proceedings volume is planned for this symposium. Manuscripts for accepted abstracts are due September 1.

SYMPOSIUM SPONSORS

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TMS Nuclear Materials Committee