

## TPTC Weekly Meeting Schedule Fall 2009

Date	Speaker	Topic
18-Sep	Hong-Trang Huynh Deguang Wang	Phase change materials Relation between density and properties of PM parts
25-Sep	Sijie Gu Joshua Blacketter	carbon nanotube reinforced silver composite FEM modeling of centerline defects in steel open die forging
2-Oct	Dohyung Kim Junhua Lu	The improvement of creep resistance in Mg Alloy Toughness of HPS 100W under various temperature
9-Oct	Mengtao Xie Yoonsung Chung	Effect of Cr on the Microstructure of $\gamma/\gamma'$ - $\delta$ Eutectic Ni-base Superalloy Thermodynamic measurements of Heusler Alloys $\text{Co}_{0.5}\text{Cr}_x\text{Si}_{0.5-x}$
16-Oct	Satya Emani Jingjie Zhu	Double Aging of Aluminum alloys The kinetics of Bainite transformation
23-Oct	Amy Bourquard Dongzhen Xu	Improving Compaction Density in Powder Steels Mechanical Properties Testing and Microstructure of Ti Powder Products
30-Oct	Qizheng Liu Bin Gang	Mechanical properties of TiAl-Ru alloys
6-Nov	Alejandro Rodriguez Xiaoyan Xu	Effect of Heat Treatment on the Mechanical Properties of $\gamma/\gamma'$ - $\delta$ Eutectic Ni-base Superalloys Powder metallurgy of Ti and Ti -6Al-4V
13-Nov	Hong-Trang Huynh Deguang Wang	Phase change materials Relation between density and properties of PM parts
20-Nov	Sijie Gu Joshua Blacketter	carbon nanotube reinforced silver composite FEM modeling of centerline defects in steel open die forging

27-Nov Thanksgiving Holiday

4-Dec Dohyung Kim  
Junhua Lu

The improvement of creep resistance in Mg Alloy  
Toughness of HPS 100W under various temperature

11-Dec Mengtao Xie  
Yoonsung Chung

Effect of Cr on the Microstructure of  $\gamma/\gamma'$ - $\delta$  Eutectic Ni-base Superalloy  
Thermodynamic measurements of Heusler Alloys  $\text{Co}_{0.5}\text{Cr}_x\text{Si}_{0.5-x}$

18-Dec Satya Emani  
Jingjie Zhu

Double Aging of Aluminum alloys  
The Kinetics of Bainite transformation