



International Workshop

on Advanced Manufacturing Technology

Date: June 24, 2014 (Tuesday)

Place: 2nd Floor Meeting Room, Academic Exchanges Center, SJTU

Conference Host: Zhenqiang YAO, Chair Professor (of IMTEA), ME, SJTU

Xueping ZHANG, Associate professor, ME, SJTU

Schedule	Speaker	affiliate	Topic
9:00-9:15	Prof. Lifeng Xi	Dean, School of Mechanical Engineering, SJTU	Welcome speech
9:15-9:45	Prof. Kevin Chou	The University of Alabama	Introduction of Metal Additive Manufacturing
9:45-10:15	Prof. Rajiv Shivpuri	The Ohio State University	Advances in Computational Design and Control of Manufacturing Processes: Selected Examples
10:15-10:35	Coffee/Tea Break		
10:35-10:05	Prof. Anil Kumar Srivastava	The University of Texas-Pan American	Some Advances in Machining of Titanium (Ti-6Al-4V) Alloy
11:05-11:30	Dr. Bin LU	SJTU	Topological Based Preform Design Optimization for Forging Process
11:30-13:00	Working Lunch (Da Zhi Ju)		
13:30-14:00	Prof. Rajiv Shivpuri	The Ohio State University	Hard material processing
14:00-14:30	Prof. Anil Kumar Srivastava	The University of Texas-Pan American	Recent Investigations in Grinding of Titanium (Ti-6Al-4V) Alloy Parts Produced by Direct Metal Laser Sintering (DMLS) Process
14:30-14:55	Dr. Hong SHEN	SJTU	Laser thermal adjustment of two-bridge actuators

14:55-15:15	Coffee/Tea Break		
15:15-15:45	Prof. Kevin Chou	The University of Alabama	Electron Beam Additive Manufacturing: Process Modeling, Temperature Measurements, Microstructural Analysis and Mechanical Properties
15:45-16:10	Dr. Xueping ZHANG	SJTU	Honing of Automotive Engine Cylinder Bore
16:10-16:30	Zhenqiang YAO	SJTU (Chair)	Conclusion & Discussion With Industry company
17:00-19:30	Welcome Dinner (Academic Exchanges Center)		