

**OS-8 Future Research direction of high performance Ti alloys**

Date/Time			Speaker	Tentative Title
July 15th	AM	9:00~9:05		Opening Remarks
		9:05~9:45	Prof. Mitsuo Niinomi Tohoku Univ.	Basic Approach to Research and Development of Ecotopia Titanium and Its Alloys
		9:45~10:25	Prof. Daniel Eylon Univ. Dayton	Recent USA Titanium Developments and their Impact on the Efficient Use of Energy and Resources
		10:25~10:40		Coffee Break
		10:40~11:20	Prof. Rui Yang IMR-CAS	Research on Titanium Based Alloys, Intermetallics and Composites for Improved Energy Efficiency
		11:20~12:00	Dr. Yong Tai Lee KIMS	Titanium Research in Korea for Highly Efficient Use for Energy and Biomaterials
		12:00~13:30		Lunch
	PM	13:30~14:00	Prof. Tohru Okabe Univ. of Tokyo	Recent Topics on Titanium Production Processes
		14:00~14:30	Prof. Toshihiro Tsuchiyama Kyushu Univ.	Mechanical Property of High Nitrogen Alpha-Beta Titanium Alloy
		14:30~15:00	Dr. Hideto Oyama Kobe Steel	Two new alpha-beta titanium alloys, KS Ti-9 for sheet and KS EL-F for forging, with mechanical properties comparable to Ti-6Al-4V
		15:00~15:20		Coffee Break
		15:20~15:50	Prof. Tadashi Furuhashi Tohoku Univ.	Grain refinement by hot deformation in titanium alloys
		15:50~16:20	Dr. Kaneaki Tsuzaki NIMS	Research and Development of High Performance Ti Alloys at NIMS
		16:20~17:00		Free Discussion