

# 2nd YESA International Workshop

## *Seismic observations for the deep Earth and the interpretations*

### Program

#### Monday September 28

Section I. The problems and the interpretations of the seismic studies

Kyotsu-Kaigishitsu, Geodynamics Research Center 4F

<i>Chairman</i>	<i>Time</i>	<i>Speaker</i>	<i>Affiliation</i>	<i>Title</i>
Y. Usui	13:20	T. Irifune	Ehime Univ.	Opening Remarks
	13:30	T. Maeda	Univ. Tokyo	Seismic Energy Radiation from low-frequency tremor
	14:00	Y. Yamamoto	JAMSTEC	Seismic velocity structure off Miyagi forearc region, central part of NE Japan
	14:30	Y. Yamamoto	Tohoku Univ.	Global P-wave tomography of mantle plumes and subducting slabs
	15:00	<i>Coffee Break</i>		
Y. Kono	15:20	G. Toyokuni	NIPR	Efficient computation of seismic wave propagation through whole Earth for investigation of deep structures
	15:50	K. Konishi	Univ. Tokyo	Waveform inversion for seismic structure in D"
	16:20	Y. Usui	Ehime Univ.	Numerical modeling of D" anisotropy by the calculation for polycrystalline elasticity
Y.Usui, Y.Kono	16:50	<i>Special Discussion</i>		
	18:30	<b>Conference Dinner</b>		

#### Tuesday September 29

Section II. The contributions of the experimental studies for deep Earth

Kyotsu-Kaigishitsu, Geodynamics Research Center 4F

<i>Chairman</i>	<i>Time</i>	<i>Speaker</i>	<i>Affiliation</i>	<i>Title</i>
Y. Tange	10:00	N. Tsujino	Tokyo Tech.	Equation of state of $\gamma$ -Fe and $\gamma$ -Fe <sub>64</sub> Ni <sub>36</sub> alloys
	10:30	H. Ichikawa	Ehime Univ.	Thermal distribution resulting from planetary core formation by iron rain in a magma ocean
	11:00	Y. Kuwayama	Ehime Univ.	Phase relations of iron alloys and its implications for the structure of the Earth's inner core
	11:30	<i>Lunch</i>		
H. Ichikawa	13:00	T. Satsukawa	Shizuoka Univ.	Fabric characteristics and seismic properties of mantle beneath South Central North America: Constraints from peridotite xenoliths from Knippa and Kilbourne hole
	13:30	I. Katayama	Hiroshima Univ.	Where anisotropy is distributed in the mantle wedge?
	14:00	A. Yamada	Ehime Univ.	Structural change in hydrous magma under upper mantle
Y. Usui	14:30	<i>Overall discussion</i>		
	15:00	<i>Fin.</i>		

