1st Day Morning	Common session
09:00-09:30	Guidance for Summer School and Workshop
09:45-10:30	Lecture "Review of reconnection experiments" Y. Ono (U. Tokyo)
10:30-11:00	Coffee Break
11:00-11:45	Lecture "Laboratory studies of dynamos phenomena" C. Forest (U. Wisconsin)
11:45-12:30	Lecture "Angular momentum transport in cylindrical annulus" F. Cattaneo (Chicago U.)
1st Day Afternoon	Common session
14:00-14:45	Lecture "Angular momentum transport and intrinsic rotation in laboratory plasma" K .lda (NIFS)
14:45-15:30	Lecture "Angular momentum transfer in solar differential rotation" Y. Masada (Kobe U.)
15:30-16:00	Coffee Break
16:00-17:30	Discussion
2nd Day Morning	Common session
09:00-09:45	Lecture "Laboratory astrophysics studies using intense lasers" Y. Sakawa (Osaka U.)
09:45-10:30	Lecture "Particle Acceleration in Plasma Universe" M.Hoshino (U. Tokyo)
10:30-11:00	Coffee Break
11:00-11:45	Lecture "Self-organization and nonlinear MHD in solar and laboratory plasmas" K. Kusano (Nagoya U.)
11:45-12:30	Lecture "Reconnection is Solar plasmas" S. Shibata (Kyoto U.)
2nd Day Afternoon	ST session
14:00-14:30	Invited talk "Merging startup of high-beta ST via magnetic reconnection" M. Inomoto (U. Tokyo)
14:30-15:30	Students' oral session 1 (Chair : Mr. Lee, Hyun Yeong from SNU)
	(1) Chai, Song "Real-time Measurement for Horizontal Displacement of Plasma current on SUNIST"
	(2) Watanabe, Takenori "Spectroscopy Measurement of Ion Heating during Magnetic Reconnection in MAST"
	(3) Yang, Jeong-Hun "Development of Dual Sensor Internal Magnetic Probe Array in Versatile Experiment Spherical Torus"
	(4) Furui, Hirokazu, "Development of a local plasma current diagnostic using small Rogowski coil in the TST-2 spherical tokamak"
15:30-16:00	Coffee Break
16:00-16:30	Invited talk "Alfven wave current drive: theoretical considerations and experimental efforts" Z. Gao (Tsinghua U.)
16:30-17:30	Students' oral session 2 (Chair: Mr. Gi, Keii from U.Tokyo)
	(1) Shinya, Takahiro, "Identification of Waves by Magnetic Probes during Lower Hybrid Wave Injection Experiments on the TST-2 Spherical Tokamak"
	(2) Liu, Yangqing "Time-frequency analysis of non-stationary signals in fusion plasmas"
	(3) Byun, Cheol-Sik "Confinement characteristics of the extended operation regime of KSTAR toward advanced scenarios"
	(4) Ke, Rui "Application of wireless technology to control and data acquisition in the SUNIST"
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3rd Day Morning	Common session
09:00-09:30	Invited talk "Physics of Accretion Discs" R. Matsumoto (Chiba U.)
09:30-10:00	Invited talk "Intrinsic rotation and torque on KSTAR tokamak" WonHa Ko (NFRI)
10:00-10:30	Invited talk "Kinetic plasma turbulence in multidimensional phase space" T.H. Watanabe (NIFS)
10:30-11:00	Coffee Break
11:00-11:30	Invited talk "Phase space density granulations and subcritical growth in Vlasov systems" M. Lesur (Kyushu U.)
11:30-12:00	Invited talk "Variety of fundamental MHD processes revealed with the Hinode satellite" R. Ishikawa (NAJO)
12:00-12:30	Invited talk "Study of fusion plasma in terms of spectroscopy and atomic processes in LHD" M. Goto (NIFS)
3rd Day Afternoon	ST session
14:00-14:45	Lecture "Studies of Waves in the Ion Cyclotron Range of Frequencies in Tokamaks" N. Tsujii (U. Tokyo)
14:45-15:30	Students' oral session 3 (Chair : Mr. Liu, Yangqing from Tsinghua U)
	(1) Kaminou, Yasuhiro, "Neutral beam injection system in TS-4"
	(2) Lee, Hyun Yeong "ECH/EBW pre-ionization experiments in Versatile Experiment Spherical Torus(VEST)"
	(3) Itagaki, Hirotomo "Suppression of rotational Instability of Field-Reversed Configuration by helicity injection"
15:30-16:00	Coffee Break
16:00-17:00	Students' oral session 4 (Chair: Mr. Yamasaki, Kotaro from U.Tokyo)
	(1) Annnoura, Masanobu, "Doppler Spectroscopy Measurements in TS-4"
	(2) Jiang Yanzheng: "External Magnetic Field System on SUNIST Spherical Tokamak"
	(3) Tarucha, Tomoaki "Construction of the spatial scanning interferometer system with CO2 laser"
	(4) Sonehara, Masateru, "Observation of edge fluctuations with a composite probe system in the TST-2 spherical tokamak"
17:00-17:30	Lecture "Start-up and current drive in spherical torus" Y. Hwang (SNU)
4th Day	Common session
09:00-12:00	Poster session for students
13:30-18:00	Technical tour to NAJO
5th Day Morning	Common session

5th Day Morning	Common session
09:00-09:30	Invited talk "2D and 3D ECE Imagings of Tokamak Plasmas" H.K. Park (POSTECH)
09:30-10:00	Invited talk "Recent development in reconnection research" M. Yamada (PPPL)
10:00-10:30	Invited talk "Plasmoid Reconnections in Space and Sun" C.Z. Cheng (NCKU)
10:30-11:00	Coffee Break
11:00-11:30	Invited talk "Theory of resonant MHD instabilities / Fluid theory of reconnecting instabilities" A. Ishizawa (NIFS)
11:30-12:00	Invited talk "Laser Relativistic Self-focusing and its Applications" K. Tanaka (Osaka U.)
12:00 12:30	Invited talk "Extreme States of Matters Created Using Various Lasers" R. Kodama (Osaka U.)

Poster presesntations

Yang, Seong-Moo "Parameter dependency of pinch in toroidal momentum transport of tokamaks"

Na, Dong Hyeon "Effects of ECRH on toroidal rotation: Mode dependency of the pinch"

Byun, Cheol-Sik "Confinement Characteristics of the Extended Operation Regime of KSTAR toward Advanced Scenarios"

Yang, Jeong-Hun "Development of Dual Sensor Internal Magnetic Probe Array in Versatile Experiment Spherical Torus"

Kang, Jisung "Conceptual Study on High-harmonics Fast Wave Current Drive for Spherical Torus Demo"

Lee, Hyun Yeong "ECH/EBW pre-ionization experiments in Versatile Experiment Spherical Torus(VEST)"

Furui, Hirokazu, "Development of a local plasma current diagnostic using small Rogowski coil in the TST-2 spherical tokamak"

Shinya, Takahiro, "Identification of Waves by Magnetic Probes during Lower Hybrid Wave Injection Experiments on the TST-2 Spherical Tokamak"

Sonehara, Masateru, "Observation of edge fluctuations with a composite probe system in the TST-2 spherical tokamak"

Kaminou, Yasuhiro "Structures of electrostatic potential and ion outflow at the merging process of counter-helicity spheromaks"

Kitazumi, Kota "Development of two-dimensional Thomson scattering measurement using multiple reflection and the time-of-flight of laser light for TS-4 magnetic reconnection experiment"

Koike, Hideya, "Development of Doppler probe for local ion temperature measurement"