



# 18th, Laser Aided Plasma Diagnostics

## Monday 25 September 2017

### Poster Session #1 Introduction (15:20-16:00)

time	[id] title	presenter
15:20	[37] Estimation of reliable range of electron temperature measurements with sets of given optical band-pass filters for KSTAR Thomson scattering system based on synthetic Thomson data	Prof. GHIM, Young-chul
15:22	[10] Spectroscopic Studies of Silicon Plasma Produced by an Nd: YAG Laser	Dr MUHAMMAD, Hanif
15:24	[71] High resolution Thomson scattering on the COMPASS tokamak - optimisation of data processing	Mr ŠOS, Miroslav
15:26	[22] Progress of Thomson scattering diagnostic on HL-2A tokamak	Dr HUANG, Yuan
15:28	[54] A pulse-burst laser system for Thomson scattering on NSTX-U	Prof. DEN HARTOG, Daniel
15:30	[33] Upgrade to resolution of TCV Thomson scattering diagnostic system and performance analysis	Dr HAWKE, Joshua
15:32	[39] Calibration of the Thomson scattering diagnostic system on VEST	Mr KIM, Young-Gi
15:34	[70] High resolution Thomson scattering on the COMPASS tokamak - extending edge plasma view and increasing repetition rate	BÖHM, Petr
15:36	[42] Research of Fast DAQ system in KSTAR Thomson scattering diagnostic	Dr LEE, Jong-ha
15:38	[29] LIDAR TS for ITER Core Plasma, Part 2: Simultaneous Two Wavelength LIDAR TS	Mr GOWERS, Chris Dr SALZMANN, Hans Dr NIELSEN, Per
15:40	[26] LIDAR TS for ITER Core Plasma, Part 3: Calibration and Higher Edge Resolution	Mr GOWERS, Chris Dr SALZMANN, Hans Dr NIELSEN, Per
15:44	[41] Additional Doppler shift in absorption spectrum obtained by laser absorption spectroscopy using optical vortex beams	Dr YOSHIMURA, Shinji
15:46	[77] Spatially resolved absorption spectroscopy on microhollow cathode plasmas with noble gases using vertical-cavity surface-emitting lasers	Prof. HASUO, Masahiro
15:48	[64] 154 GHz Collective Thomson Scattering in LHD	Prof. TANAKA, Kenji
15:50	[65] Measurement of the depolarized Thomson scattering radiation in JET	Mr MCCORMACK, Oisin
15:52	[66] Thomson scattering upgrade in RFX-mod: Alternative designs for Injection and Collection Optics	FASSINA, Alessandro
15:54	[6] Demonstration of dual-laser based Polarimeter-Interferometer scheme for simultaneous measurements of Faraday angle and electron density on HL-2A tokamak	Dr LI, Yonggao
15:56	[73] Spatiotemporally resolved rotational Raman spectroscopy in a pulsed CO <sub>2</sub> glow discharge	Mr KLARENAAR, Bart
15:58	[23] Investigation of Spatiotemporal Velocity Distribution of Thruster Plasma Using a Laser Induced Fluorescence Diagnostics	Prof. CHOE, Wonho