

18th, Laser Aided Plasma Diagnostics

Monday 25 September 2017

Oral (11:20-11:35)

time	[id] title	presenter
11:20	[11] Hot and dense plasma probing by soft X-ray lasers	KRUS, Miroslav

Oral: Oral (11:35-11:50)

time	[id] title	presenter
11:35	[47] EAST kinetic equilibrium reconstruction combining with Polarimeter-Interferometer internal measurement constraints	Mr LIAN, Hui

Oral: Oral (15:05-15:20)

time	[id] title	presenter
15:05	[24] LIDAR TS for ITER core plasma - Part 1: Layout and Hardware	SALZMANN, Hans

Tuesday 26 September 2017

Oral: Oral (12:00-12:15)

time	[id] title	presenter
12:00	[13] Sensitivity, ambiguity, and resolution of electric field measurement by saturation spectroscopy in Balmer-alpha line of atomic hydrogen	Prof. SASAKI, Koichi

Oral: Oral (12:15-12:30)

time	[id] title	presenter
12:15	[15] Spectroscopic investigations of plasma nitriding processes: A comparative study using steel and carbon as active screen materials	Prof. ROEPCKE, Juergen

Wednesday 27 September 2017

Oral: Oral (09:50-10:05)

time	[id] title	presenter
09:50	[16] Incoherent Thomson scattering diagnostic development for plasma propulsion investigations	Mr VINCENT, Benjamin

Oral: Oral (11:55-12:10)

time	[id] title	presenter
11:55	[18] The effect of dielectric and conductor nanoparticles as impurities in Laser Induced Breakdown in distilled water in presence of applied electric field	Prof. MAHDIEH, Mohammad Hossein

Oral: Oral (12:10-12:25)

time	[id] title	presenter
12:10	[25] Optical monitoring systems for thermal spray processes: droplet behavior and substrate pre-treatments	Prof. MURAOKA, Katsunori

Oral: Oral (13:55-14:10)

-Conveners: Uwe Czarnetzki

time	[id] title	presenter
13:55	[52] The Conceptual design of high temporal resolution HCN interferometry for atmospheric pressure air plasmas	Mr ZHANG, Jibo

Oral: Oral (14:10-14:25)

time	[id] title	presenter
14:10	[34] Compact dispersion interferometer with a high efficiency nonlinear crystal for atmospheric pressure plasmas	Dr AKIYAMA, Tsuyoshi

Oral: Oral (14:25-14:40)

time	[id] title	presenter
14:25	[44] Experimental study of the electric field in a hollow cathode discharge in hydrogen	Mrs GONZALEZ-FERNANDEZ, Veronica

Oral: Oral (14:40-14:55)

time	[id] title	presenter
14:40	[75] Employing Doppler-free Saturation Spectroscopy to Measure Stark Broadening at Low Electron Densities	Mr ZAFAR, Abdullah

Oral: Oral (14:55-15:10)

time	[id] title	presenter
14:55	[84] Plasma diagnostics using THz waves generated by laser-plasma interactions	Prof. SUK, Hyyong

Thursday 28 September 2017

Oral: Oral (10:55-11:10)

time	[id] title	presenter
10:55	[55] High resolution Two-photon Absorption Laser-Induced Fluorescence (TALIF) with a single-mode nanosecond Ti:Sapphire laser	Dr DRAG, Cyril