

18th, Laser Aided Plasma Diagnostics

Monday 25 September 2017

Topical: Topical (09:35-10:00)

time	[id] title	presenter
09:35	[21] Polarimetric Thomson scattering for high Te fusion plasmas	Prof. GIUDICOTTI, Leonardo

Topical: Topical (10:30-10:55)

time	[id] title	presenter
10:30	[57] Relativistic electron kinetic effects on laser diagnostics in burning plasmas	Dr MIRNOV, Vladimir

Topical: Topical (10:55-11:20)

time	[id] title	presenter
10:55	[17] Design and commissioning of the collective Thomson scattering diagnostic at Wendelstein 7-X	Dr MOSEEV, Dmitry

Topical: Topical (14:40-15:05)

time	[id] title	presenter
14:40	[14] High spatial resolution and dual laser wavelength Thomson scattering system for W7-X stellarator – lessons learned for ITER	Dr PASCH, Ekkehard

Tuesday 26 September 2017

Topical: Topical (09:10-09:35)

time	[id] title	presenter
09:10	[28] Laser-ablation-based methods for in- and ex-situ material analysis of first wall components in fusion devices	OELMANN, Jannis

Topical: Topical (09:35-10:00)

time	[id] title	presenter
09:35	[72] Laser-induced plasmas and laser-induced breakdown spectroscopy	Prof. DE GIACOMO, Alessandro

Topical: Topical (11:10-11:35)

time	[id] title	presenter
11:10	[27] Diagnostic studies of technological plasmas using quantum cascade lasers	Dr LANG, Norbert

Topical: Topical (11:35-12:00)

time	[id] title	presenter
11:35	[35] Electric field on liquid and dielectric surfaces exposed to atmospheric pressure plasma jets	Dr SOBOTA, Ana

Thursday 28 September 2017

Topical: Topical (09:10-09:35)

time	[id] title	presenter
09:10	[69] Measurement of electric fields in high-pressure discharges by CARS-based four-wave mixing	LUGGENHÖLSCHER, Dirk

Topical: Topical (09:35-10:00)

time	[id] title	presenter
09:35	[80] On radical densities in atmospheric pressure plasmas	Prof. RITCHIE, Grant

Topical: Topical (10:30-10:55)

time	[id] title	presenter
10:30	[83] Polydiagnostic studies on CO_2 plasmas at elevated pressures	WELZEL, Stefan