



# 18th, Laser Aided Plasma Diagnostics

## Monday, September 25, 2017

### **Topical: Topical** (9:35 AM - 10:00 AM)

time	[id] title	presenter
9:35 AM	[21] Polarimetric Thomson scattering for high Te fusion plasmas	Prof. GIUDICOTTI, Leonardo

### **Topical: Topical** (10:30 AM - 10:55 AM)

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

### **Topical: Topical** (10:55 AM - 11:20 AM)

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

### **Topical: Topical** (2:40 PM - 3:05 PM)

time	[id] title	presenter
2:40 PM	[14] High spatial resolution and dual laser wavelength Thomson scattering system for W7-X stellarator – lessons learned for ITER	Dr PASCH, Ekkehard

# Tuesday, September 26, 2017

**Topical: Topical (9:10 AM - 9:35 AM)**

time	[id] title	presenter
9:10 AM	[28] Laser-ablation-based methods for in- and ex-situ material analysis of first wall components in fusion devices	OELMANN, Jannis

**Topical: Topical (9:35 AM - 10:00 AM)**

time	[id] title	presenter
9:35 AM	[72] Laser-induced plasmas and laser-induced breakdown spectroscopy	Prof. DE GIACOMO, Alessandro

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

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

**Topical: Topical (11:35 AM - 12:00 PM)**

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

# Thursday, September 28, 2017

**Topical: Topical (9:10 AM - 9:35 AM)**

time	[id] title	presenter
9:10 AM	[69] Measurement of electric fields in high-pressure discharges by CARS-based four-wave mixing	LUGGENHÖLSCHER, Dirk

**Topical: Topical (9:35 AM - 10:00 AM)**

time	[id] title	presenter
9:35 AM	[80] On radical densities in atmospheric pressure plasmas	Prof. RITCHIE, Grant

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

time	[id] title	presenter
10:30 AM	[83] Polydiagnostic studies on $\text{CO}_2$ plasmas at elevated pressures	WELZEL, Stefan