



# FuseNet PhD Event 2015

## Monday, 16 November 2015

### Plenary Oral Presentations: Session 1 by PhD students (11:15 - 12:45)

-Conveners: [click to see the contributions \\*](#)

| time  | [id] title  | presenter               |
|-------|---|-------------------------|
| 11:15 | [17] Gyrokinetic investigation of turbulent flow dynamics in tokamak plasmas                                  | Mr NISKALA, Paavo       |
| 11:30 | [18] Experimental Study of Radial Turbulence with an Ultra-fast-swept Reflectometer at ASDEX Upgrade          | Ms MEDVEDEVA, Anna      |
| 11:45 | [19] Study of the poloidal asymmetry of edge turbulence at ASDEX Upgrade tokamak with microwave reflectometry | Ms NIKOLAEVA, Valentina |
| 12:00 | [20] Interaction between neutral beam fast particles and plasma in fusion experiments                         | Mr VINCENZI, Pietro     |
| 12:15 | [21] Erosion and Deposition in JET  | Mr BEAL, James          |
| 12:30 | [22] Plasma cleaning of ITER First Mirrors  | Mr LUCAS, Moser         |

# Tuesday, 17 November 2015

## Plenary Oral Presentations: Session 2 by PhD students (11:15 - 12:45)

-Conveners: [click to see the contributions](#) \*

| time  | [id] title   | presenter                 |
|-------|--|---------------------------|
| 11:15 | [23] Spectroscopic study of dense and hot plasma: detailed and statistical code                            | Ms NA, Xieyu              |
| 11:30 | [24] Equilibrium and Stability of MHD 3D configurations using the SIESTA code                              | Mr RODRIGUEZ, Hugo Peraza |
| 11:45 | [25] Modern real-time feedback control of MHD stability in fusion devices                                  | Mr KUDLACEK, Ondrej       |
| 12:00 | [26] Monitoring of Instrumentation for Critical Nuclear Fusion Plasma Control and Data Acquisition Systems | Mr CARVALHO, Paulo        |
| 12:15 | [27] Thermal Hydraulic and Safety Analyses Fusion Reactors PHTS  | Mr CARLONI, Dario         |
| 12:30 | [28] High Field Superconductors for Fusion Applications  | Mr BRANCH, Paul           |