Academic Year 2017/18 (XXXIII cycle)

The PhD theses should be related to one or more of the theoretical, modelling, data-analysis research areas and/or experimental activity in the following fields:

- MHD physics in fusion plasmas
- Turbulence and transport
- Edge physics and plasma-wall interaction in fusion plasmas
- Neutral Beam Injector and beam-plasma interaction physics
- Plasma diagnostics
- Magnetic diagnostics (modelling and sensor's technology)
- Neutral Beam Injector engineering
- Electrical technologies, circuits and systems for fusion power plants
- Technologies for plasma-facing and mechanical components
- Advanced computational electromagnetics for MHD and plasma control
- Studies of energy scenarios including fusion
- Energy transport in fusion reactor relevant experiments
- Optimization of plasma scenarios in fusion reactor relevant experiments