

## Allegato A PROGETTO Scienza senza Frontiere – Brasile

### Name of the doctoral program

Ph.D. in Electrical Engineering

Cotutelle X

### Title of the research activity

Power System Planning and Operation.

Smart Grid and Smart Buildings

### Short description of the research activity

New visions for the electric highways (2020-2040).

Define limits for reasonable perspectives, in the framework of distributed and dispersed generation, renewable sources and foreseen electric cars

### Scientific responsible (name, surname, role)

Prof. Roberto Napoli, Power System Professor and Deputy Dean of the 1<sup>st</sup> Engineering Faculty

[roberto.napoli@polito.it](mailto:roberto.napoli@polito.it)

### Number of vacancies for XXVIII cycle (begin January 2013)

1

### Specific requirements (experiences, skills)

Master in Power System. Strong motivation and hard working attitude. Academic and/or industrial experience preferred.

### Website of the research group (if any)