



## Thesis Project Form

**Title (tentative):** Functional connectivity of low density hiPSCs-derived neuronal networks

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### Description

#### Motivation and application domain

Neuroengineering, Functional connectivity, huma induced pluripotent stem cell

#### General objectives and main activities

Functional connectivity of low density hiPSCs-derived neuronal networks  
Functional connectivity algorithms  
Experimental procedure

#### Training Objectives (technical/analytical tools, experimental methodologies)

Laboratory experimental procedures, data analysis, algorithms

**Place(s) where the thesis work will be carried out:** Joint Lab DIBRIS-UNIGE San Martino

### Additional information

**Maximum number of students:** 1