# PANDORA: Measuring β-decays in plasmas

# Wednesday, 30 October 2019

### PANDORA goals and setup status (14:30 - 18:30)

| time | [id] title | presenter |
|------|-----------|-----------|
| 14:30 | [1] Overview PANDORA project: Intro e Status | MASCALI, David |
| 14:55 | [2] Nuclear physics aspects of neutron capture and β-decay rates in stellar environment | MENGONI, Alberto |
| 15:25 | [3] Perspectives in Nuclear Astrophysics | VESCOVI, Diego |
| 15:55 | Coffee Break | |
| 16:15 | [4] Multi-diagnostic Experimental Setup and Geant4 Simulations for Isotopes decay tagging | NASELLI, Eugenia |
| 16:45 | [5] Isotopes vaporization techniques | GALATÀ, Alessio |
| 17:00 | [6] Plasma Modelling | GALATÀ, Alessio |
| 17:30 | [7] Design of PANDORA magnetic Trap | CELONA, Luigi Giuseppe |
| 18:00 | [8] Plasma chamber design and mitigation of plasma self-gamma emission | ODORICI, Fabrizio |