

PANDORA: Measuring β -decays in plasmas

Report of Contributions

Contribution ID: 1

Type: **not specified**

Overview PANDORA project: Intro e Status

Wednesday, 30 October 2019 14:30 (25 minutes)

Presenter: MASCALI, David (LNS)

Session Classification: PANDORA goals and setup status

Contribution ID: 2

Type: **not specified**

Nuclear physics aspects of neutron capture and β -decay rates in stellar environment

Wednesday, 30 October 2019 14:55 (30 minutes)

Presenter: MENGONI, Alberto (BO)

Session Classification: PANDORA goals and setup status

Contribution ID: 3

Type: **not specified**

Perspectives in Nuclear Astrophysics

Wednesday, 30 October 2019 15:25 (30 minutes)

Presenter: VESCOVI, Diego (INFN-Pg)

Session Classification: PANDORA goals and setup status

Contribution ID: 4

Type: **not specified**

Multi-diagnostic Experimental Setup and Geant4 Simulations for Isotopes decay tagging

Wednesday, 30 October 2019 16:15 (30 minutes)

Presenter: NASELLI, Eugenia (LNS)

Session Classification: PANDORA goals and setup status

Contribution ID: 5

Type: **not specified**

Isotopes vaporization techniques

Wednesday, 30 October 2019 16:45 (15 minutes)

Presenter: GALATÀ, Alessio (LNL)

Session Classification: PANDORA goals and setup status

Contribution ID: 6

Type: **not specified**

Plasma Modelling

Wednesday, 30 October 2019 17:00 (30 minutes)

Presenter: GALATÀ, Alessio (LNL)

Session Classification: PANDORA goals and setup status

Contribution ID: 7

Type: **not specified**

Design of PANDORA magnetic Trap

Wednesday, 30 October 2019 17:30 (30 minutes)

Presenter: CELONA, Luigi Giuseppe (LNS)

Session Classification: PANDORA goals and setup status

Contribution ID: 8

Type: **not specified**

Plasma chamber design and mitigation of plasma self-gamma emission

Wednesday, 30 October 2019 18:00 (30 minutes)

Presenter: ODORICI, Fabrizio (BO)

Session Classification: PANDORA goals and setup status

Contribution ID: 9

Type: **not specified**

Gamma-ray spectroscopy: possible synergy with PANDORA

Thursday, 31 October 2019 09:00 (30 minutes)

Presenter: MENGONI, Daniele (PD)

Contribution ID: **10**

Type: **not specified**

Theoretical estimates of stellar e-captures from first-principles simulations

Thursday, 31 October 2019 09:30 (30 minutes)

Presenter: TAIOLI, Simone (TIFP)

Contribution ID: 11

Type: **not specified**

Relativistic theory and ab-initio simulations of electroweak decay spectra in medium to heavy atomic systems

Thursday, 31 October 2019 10:00 (30 minutes)

Presenter: SIMONUCCI, Stefano

Contribution ID: 13

Type: **not specified**

Some perspectives of PANDORA beyond s-processes: plasma opacities and other issues

Thursday, 31 October 2019 11:00 (30 minutes)

Presenter: LA COGNATA, MARCO SALVATORE (LNS)