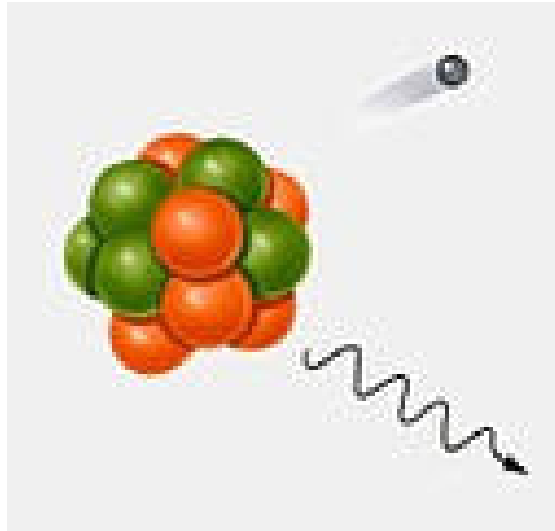


# Collective mode study through beta decay measurements



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## **Introduction: collective modes and exotic nuclei**

*Monday 19 January 2015 14:00 (45 minutes)*

**Presenter:** Mr HARAKEH, Muhsin

Contribution ID: 1

Type: **not specified**

## **5DCH and QRPA models for collective modes in neutron rich nuclei.**

*Monday 19 January 2015 14:45 (35 minutes)*

**Presenter:** Mrs PÉRU, Sophie

Contribution ID: 2

Type: **not specified**

## **Low-energy dipole excitations, Gamow-Teller and beta decay within the QRPA and the Gogny force.**

*Monday 19 January 2015 15:20 (35 minutes)*

**Presenter:** Mr MARTINI, Marco

Contribution ID: 3

Type: **not specified**

## **Sensitivity of beta-decay rates to the radial dependence of the nucleon effective mass**

*Monday 19 January 2015 16:25 (35 minutes)*

**Presenter:** Mr MARGUERON, Jérôme

Contribution ID: 4

Type: **not specified**

## **Beta decays and electron captures in a self-consistent microscopic approach.**

*Monday 19 January 2015 17:00 (35 minutes)*

**Presenter:** Mrs FANTINA, Anthea

Contribution ID: 5

Type: **not specified**

## **The response to beta-decay using time-dependent Hartree-Fock.**

*Monday 19 January 2015 17:35 (35 minutes)*

**Presenter:** Mr STEVENSON, Paul

Contribution ID: 6

Type: **not specified**

## **The TAS technique generalities and history**

*Tuesday 20 January 2015 09:30 (35 minutes)*

**Presenter:** Mrs RUBIO, Berta



Contribution ID: 7

Type: **not specified**

## **Former beta strength results obtained through TAS measurements**

*Tuesday 20 January 2015 10:05 (35 minutes)*

**Presenter:** Mr ALGORA, Alejandro

Contribution ID: 8

Type: **not specified**

## **TAS measurements to probe low lying collective modes @ the ALTO facility, and the TOSCA detector project**

*Tuesday 20 January 2015 10:40 (35 minutes)*

**Presenter:** FALLOT, Muriel Patricia (Laboratoire de Physique Subatomique et des Technologies Associe)

Contribution ID: 9

Type: **not specified**

## The ALTO facility

*Tuesday 20 January 2015 11:45 (35 minutes)*

**Presenter:** Mr GOTTARDO, Andrea

Contribution ID: **10**

Type: **not specified**

## **Recent beta decay studies beyond $^{132}\text{Sn}$**

*Tuesday 20 January 2015 12:20 (35 minutes)*

**Presenter:** Mrs LOZEVA, Radomira

Contribution ID: **11**

Type: **not specified**

## PARIS

*Tuesday 20 January 2015 14:15 (35 minutes)*

**Presenter:** Mrs MATEA, Iolanda

Contribution ID: 12

Type: **not specified**

## **Progress towards a new neutron time-of-flight array for beta-decay studies**

*Tuesday 20 January 2015 14:50 (35 minutes)*

**Presenter:** Mr DELAUNAY, Franck

Contribution ID: 13

Type: **not specified**

## **Project for Laser-Induced Nuclear Orientation at ALTO**

*Tuesday 20 January 2015 15:25 (35 minutes)*

**Presenter:** Mr YORDANOV, Deyan

Contribution ID: 14

Type: **not specified**

## The DESIR facility

**Presenter:** Mr THOMAS, Jean-Charles



Contribution ID: 15

Type: **not specified**

## SPES

**Presenter:** Mr MENGONI, Daniele

Contribution ID: 16

Type: **not specified**

## Discussion and Wrap-up

*Tuesday 20 January 2015 17:05 (1 hour)*

Contribution ID: 17

Type: **not specified**

## The BELEN Neutron Detector

*Tuesday 20 January 2015 16:30 (35 minutes)*

**Presenter:** Dr TAIN, Jose Luis (CSIC (Consejo Superior de Investigaciones Cientificas))