

The Status of Reactor Antineutrino Flux Modelling



Report of Contributions

Contribution ID: 0

Type: **not specified**

Registration and Welcome

Wednesday 21 January 2015 13:00 (1 hour)

Presenter: SUBATECH

Contribution ID: 1

Type: **not specified**

Introduction: outcomes from the 1st workshop in Seattle

Wednesday 21 January 2015 14:00 (30 minutes)

Author: SONZOGNI, Alejandro

Co-author: FALLOT, Muriel

Presenter: SONZOGNI, Alejandro

Contribution ID: 2

Type: **not specified**

ILL Reference Spectra and Conversion Method

Presenter: LHUILLIER, david (CEA Saclay)

Contribution ID: 3

Type: **not specified**

Calculation of beta spectra : the most common assumptions and how to go beyond

Wednesday 21 January 2015 16:40 (35 minutes)

Presenter: MOUGEOT, Xavier

Contribution ID: 4

Type: **not specified**

NEA activities on fission yields and beta decay data

Wednesday 21 January 2015 14:30 (35 minutes)

Presenter: CABELLOS, Oscar

Contribution ID: 5

Type: **not specified**

The GEF code

Wednesday 21 January 2015 15:05 (35 minutes)

Presenter: JURADO, Beatriz

Contribution ID: 6

Type: **not specified**

Fission Yield Measurements

Wednesday 21 January 2015 16:05 (35 minutes)

Presenter: KESSEDJIAN, Grégoire

Contribution ID: 7

Type: **not specified**

Antineutrino Energy Spectra and the Summation Method

Thursday 22 January 2015 09:00 (35 minutes)

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

Contribution ID: 8

Type: **not specified**

Antineutrino Spectra and Nuclear Databases

Thursday 22 January 2015 09:35 (35 minutes)

Presenter: SONZOGNI, alejandro

Contribution ID: 9

Type: **not specified**

Spectral Structure of Electron Antineutrinos from Nuclear Reactors

Thursday 22 January 2015 10:10 (35 minutes)

Presenter: DWYER, Daniel

Contribution ID: **10**

Type: **not specified**

Summary from the latest TAGS meeting at IAEA

Thursday 22 January 2015 11:15 (15 minutes)

Presenter: DIMITRIOU, Paraskievi

Contribution ID: **11**

Type: **not specified**

A look to Rudstam et al. data from the TAGS point of view

Thursday 22 January 2015 11:30 (35 minutes)

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

Contribution ID: **12**

Type: **not specified**

New TAS Results for Antineutrino Spectra

Thursday 22 January 2015 12:05 (35 minutes)

Presenters: ALGORA, Alejandro; PORTA, Amanda

Contribution ID: 13

Type: **not specified**

Beta-strength, decay heat and anti-neutrino energy spectra from total absorption spectroscopy at ORNL.

Thursday 22 January 2015 14:00 (35 minutes)

Presenter: RYKACZEWSKI, Krzysztof

Contribution ID: 14

Type: **not specified**

Precision Beta Spectrum Measurement and Constraints on the Weak Magnetism

Thursday 22 January 2015 15:10 (35 minutes)

Presenter: SEVERIJNS, Nathal (Katholieke Universiteit Leuven (BE))

Contribution ID: 15

Type: **not specified**

Reactor spectrum needs for future neutrino experiments

Thursday 22 January 2015 18:00 (35 minutes)

Presenter: CABRERA, Anatael

Contribution ID: **16**

Type: **not specified**

Spectral Measurement of the Double Chooz Experiment

Thursday 22 January 2015 16:50 (35 minutes)

Presenter: CUCOANES, Andi

Contribution ID: 17

Type: **not specified**

Spectral Measurement of the Reno Experiment

Thursday 22 January 2015 16:15 (35 minutes)

Presenter: SEON HEE, Seo

Contribution ID: **18**

Type: **not specified**

Spectral Measurement of the Daya Bay Experiment

Thursday 22 January 2015 17:25 (35 minutes)

Presenter: DWYER, Daniel

Contribution ID: **19**

Type: **not specified**

Experimental Activities related to Reactor Antineutrino Spectra

Thursday 22 January 2015 14:35 (35 minutes)

Presenter: SCIELZO, Nicholas

Contribution ID: **20**

Type: **not specified**

TBD

Presenter: MÖLLER, Peter

Contribution ID: 21

Type: **not specified**

Gamow-Teller strength and beta decay in deformed nuclei within the QRPA and the Gogny force

Friday 23 January 2015 09:00 (35 minutes)

Presenter: MARTINI, Marco (CEA)

Contribution ID: 22

Type: **not specified**

Theoretical Studies on Beta Decay and on the Reactor Antineutrino Spectra

Friday 23 January 2015 09:35 (35 minutes)

Presenter: DONG-LIANG, Fang

Contribution ID: 23

Type: **not specified**

Theoretical studies on beta decay, first-forbidden transitions and antineutrino spectra

Friday 23 January 2015 10:10 (35 minutes)

Presenter: MARKETIN, Tomislav

Contribution ID: **24**

Type: **not specified**

Lunch Break

Contribution ID: 25

Type: **not specified**

Visit of the SUBATECH laboratory

Friday 23 January 2015 11:15 (1 hour)

Presenter: BOUVIER, Stéphane

Contribution ID: 26

Type: **not specified**

Discussions: definition of the work required for a report. Wrap-up

Friday 23 January 2015 14:00 (3 hours)

Contribution ID: 27

Type: **not specified**

Precursors and decay events with EASY-II

Wednesday 21 January 2015 17:15 (35 minutes)

Presenter: SUBLET, Jean-Christophe