

**3rd n\_TOF Winter School**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Compound nucleus, Resonances, R-matrix theory

*Monday 15 January 2018 08:30 (1h 45m)*

**Author:** BERTHOUMIEUX, Eric (Université Paris-Saclay (FR))

**Presenter:** BERTHOUMIEUX, Eric (Université Paris-Saclay (FR))

**Session Classification:** R-Matrix

Contribution ID: 2

Type: **not specified**

## Compound nucleus, Resonances, R-matrix theory

*Monday 15 January 2018 10:45 (1 hour)*

**Author:** BERTHOUMIEUX, Eric (Université Paris-Saclay (FR))

**Presenter:** BERTHOUMIEUX, Eric (Université Paris-Saclay (FR))

**Session Classification:** R-Matrix

Contribution ID: 3

Type: **not specified**

## R-matrix Exercises (SAMMY)

*Monday 15 January 2018 17:00 (1h 15m)*

**Presenter:** MASSIMI, Cristian (Universita e INFN, Bologna (IT))

**Session Classification:** R-Matrix

Contribution ID: 4

Type: **not specified**

## R-matrix Exercises (SAMMY)

*Monday 15 January 2018 18:45 (1h 15m)*

**Presenter:** MASSIMI, Cristian (Universita e INFN, Bologna (IT))

**Session Classification:** R-Matrix

Contribution ID: 5

Type: **not specified**

## Neutron Induced Reactions

*Tuesday 16 January 2018 08:30 (1h 45m)*

**Author:** SCHILLEBEECKX, Peter (EC-JRC-IRMM)

**Presenter:** SCHILLEBEECKX, Peter (EC-JRC-IRMM)

**Session Classification:** Nuclear Reactions

Contribution ID: 6

Type: **not specified**

## Time reversal and inverse reactions

*Tuesday 16 January 2018 10:45 (1h 45m)*

**Author:** MENGONI, Alberto (Ente Nuove tec. Energia & Ambiente (IT))

**Presenter:** MENGONI, Alberto (Ente Nuove tec. Energia & Ambiente (IT))

**Session Classification:** Nuclear Reactions

Contribution ID: 7

Type: **not specified**

# Nucleosynthesis I

*Tuesday 16 January 2018 17:00 (1h 15m)*

**Presenter:** KÄPPELER, Franz

**Session Classification:** Nucleosynthesis



Contribution ID: 8

Type: **not specified**

## Nucleosynthesis II

*Tuesday 16 January 2018 18:45 (1h 15m)*

**Presenter:** KÄPPELER, Franz

**Session Classification:** Nucleosynthesis

Contribution ID: 9

Type: **not specified**

## Level Density and statistical model

**Presenter:** TASSAN GOT, Laurent (CERN)

Contribution ID: **10**

Type: **not specified**

## Spallation Reactions

**Author:** FERRARI, Alfredo (CERN)

**Presenter:** FERRARI, Alfredo (CERN)

Contribution ID: **11**

Type: **not specified**

## Data Evaluation and Databases

**Author:** ROCHMAN, Dimitri (Paul Scherrer Institut (CH))

**Presenter:** ROCHMAN, Dimitri (Paul Scherrer Institut (CH))

Contribution ID: **12**

Type: **not specified**

## **Exercises on nuclear reactions with TALYS**

**Presenter:** ROCHMAN, Dimitri (Paul Scherrer Institut (CH))

Contribution ID: 13

Type: **not specified**

## Nuclear Data and Nuclear Energy

**Authors:** BIDAUD, Adrien (INP Grenoble); DAVID, Sylvain (CNRS )

**Presenters:** BIDAUD, Adrien (INP Grenoble); DAVID, Sylvain (CNRS ); DOLIGEZ, Xavier

Contribution ID: 14

Type: **not specified**

## TOF Facilities, Moderation and Response Function

**Author:** VLACHOUDIS, Vasilis (CERN)

**Presenter:** VLACHOUDIS, Vasilis (CERN)

Contribution ID: 15

Type: **not specified**

## Methods for Capture cross-section

**Author:** GUERRERO SANCHEZ, Carlos (Universidad de Sevilla (ES))

**Presenter:** GUERRERO SANCHEZ, Carlos (Universidad de Sevilla (ES))



Contribution ID: **16**

Type: **not specified**

## Applications of Nuclear Data

**Author:** COLONNA, Nicola (Universita e INFN, Bari (IT))

**Presenter:** COLONNA, Nicola (Universita e INFN, Bari (IT))

Contribution ID: 17

Type: **not specified**

## Fission I

*Friday 19 January 2018 08:30 (1h 45m)*

**Author:** POMP, Stephan (Uppsala University)

**Presenter:** POMP, Stephan (Uppsala University)

**Session Classification:** Fission

Contribution ID: **18**

Type: **not specified**

## Fission II

*Friday 19 January 2018 10:45 (1h 45m)*

**Author:** POMP, Stephan (Uppsala University)

**Presenter:** POMP, Stephan (Uppsala University)

**Session Classification:** Fission

Contribution ID: **19**

Type: **not specified**

## **Adjustment of model parameters by a fit to experimental data**

*Monday 15 January 2018 11:45 (45 minutes)*

**Presenter:** SCHILLEBEECKX, Peter

**Session Classification:** R-Matrix

Contribution ID: 20

Type: **not specified**

## Level densities and statistical decay

**Presenter:** TASSAN-GOT, Laurent

Contribution ID: 21

Type: **not specified**

## Level densities and statistical decay

*Wednesday 17 January 2018 08:30 (1h 45m)*

**Presenter:** TASSAN-GOT, Laurent

**Session Classification:** Hot nuclei

Contribution ID: 22

Type: **not specified**

## Spallation reactions

*Wednesday 17 January 2018 10:45 (1h 45m)*

**Presenter:** FERRARI, Alfredo

**Session Classification:** Hot nuclei

Contribution ID: 23

Type: **not specified**

## Nuclear data evaluation and data bases

*Wednesday 17 January 2018 17:00 (1h 15m)*

**Presenter:** ROCHMAN, Dimitri

**Session Classification:** Nuclear data bases



Contribution ID: 24

Type: **not specified**

## Exercises on nuclear reactions with TALYS

*Wednesday 17 January 2018 18:45 (1h 15m)*

**Presenter:** ROCHMAN, Dimitri

**Session Classification:** Nuclear Reactions

Contribution ID: 25

Type: **not specified**

## **Nuclear data and nuclear energy**

**Presenter:** DOLIGEZ, Xavier

Contribution ID: 26

Type: **not specified**

## Nuclear data and fission energy

*Thursday 18 January 2018 08:30 (1h 45m)*

**Presenter:** DOLIGEZ, Xavier

**Session Classification:** Applications

Contribution ID: 27

Type: **not specified**

## TOF facilities, moderation and response function

*Thursday 18 January 2018 10:45 (1h 45m)*

**Presenter:** VLACHOUDIS, Vasilis

**Session Classification:** Experimental approach

Contribution ID: 28

Type: **not specified**

## Methods for capture cross sections

*Thursday 18 January 2018 17:00 (1h 15m)*

**Presenter:** GUERRERO, Carlos

**Session Classification:** Experimental approach

Contribution ID: 29

Type: **not specified**

## Nuclear data and fusion energy

*Thursday 18 January 2018 18:45 (1h 15m)*

**Presenter:** FISCHER, Ulrich

**Session Classification:** Applications