

H2020-ARIEL 2nd Scientific Workshop and Progress Meeting

Report of Contributions

Contribution ID: **19**

Type: **not specified**

Registration and coffee

Wednesday, 15 March 2023 08:30 (30 minutes)

Contribution ID: 20

Type: **not specified**

Welcome and update on the NPL neutron facility

Wednesday, 15 March 2023 09:00 (30 minutes)

Presenter: BUNCE, Michael (NPL)

Contribution ID: 21

Type: **not specified**

Status of the ARIEL TA programme

Wednesday, 15 March 2023 09:30 (20 minutes)

Presenter: PIROVANO, Elisa (Physikalisch-Technische Bundesanstalt (DE))

Contribution ID: 22

Type: **not specified**

Assessment of the feasibility of measuring neutron-induced reactions at a laser-driven neutron beam

Wednesday, 15 March 2023 09:50 (20 minutes)

Primary author: GUERRERO SANCHEZ, Carlos (Universidad de Sevilla (ES))

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

Contribution ID: 23

Type: **not specified**

Accelerators for nuclear data research at Birmingham

Wednesday, 15 March 2023 10:10 (20 minutes)

Presenter: WHELDON, Carl (University of Birmingham)

Contribution ID: 24

Type: **not specified**

Aftermath of the "HISPANOS Hands-On school on the production, detection and use of neutron beams".

Wednesday, 15 March 2023 11:00 (20 minutes)

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

Contribution ID: 25

Type: **not specified**

ENEN support for E&T actions

Wednesday, 15 March 2023 11:20 (20 minutes)

Presenter: PAVEL, Gabriel (ENEN)

Contribution ID: 26

Type: **not specified**

Lab Course on Reactor Operation and Nuclear Chemistry

Wednesday, 15 March 2023 11:40 (20 minutes)

Presenters: EBERHARDT, Klaus (Johannes Gutenberg-Universität Mainz, Forschungsreaktor TRIGA); EBERHARDT, Klaus (J)

Contribution ID: 27

Type: **not specified**

Status of the ARIEL Education and Training programme

Wednesday, 15 March 2023 12:00 (20 minutes)

Presenter: PENTTILÄ, Heikki (University of Jyväskylä)

Contribution ID: 28

Type: **not specified**

Report on the Pu-239 campaign at n_TOF and preliminary results

Wednesday, 15 March 2023 13:30 (20 minutes)

Presenter: SANCHEZ CABALLERO, Adrian (CIEMAT - Centro de Investigaciones Energéticas Medioambientales y Tec. (ES))

Contribution ID: 29

Type: **not specified**

50,53Cr(n, γ) cross section measurement at n_TOF@CERN

Wednesday, 15 March 2023 13:50 (20 minutes)

Presenter: PEREZ MAROTO, Pablo (Universidad de Sevilla)

Contribution ID: 30

Type: **not specified**

Validation of the current response matrix for stilbene detectors and determination of response matrixes for new scintillation materials

Wednesday, 15 March 2023 14:10 (20 minutes)

Presenter: MATEJ, Zdenek

Contribution ID: 31

Type: **not specified**

Neutron and photon yields for the $^{51}\text{V}(p,n)^{51}\text{Cr}$ reaction near threshold

Wednesday, 15 March 2023 14:30 (20 minutes)

Presenters: VERDERA GARAU, ANTONIA (Universidad de Granada); VERDERA GARAU, Antonia (Universidad de Granada)

Contribution ID: 32

Type: **not specified**

Neutron Capture on ^{103}Rh at GELINA

Wednesday, 15 March 2023 14:50 (20 minutes)

Presenters: OPREA, Andreea (Joint Research Center (JRC) (BE)); OPREA, Andreea (Joint Research Center (JRC) (BE))

Contribution ID: **33**

Type: **not specified**

Laboratory tours

Wednesday, 15 March 2023 15:30 (1h 30m)

Contribution ID: 34

Type: **not specified**

H2020-ARIEL project "General Assembly"

Thursday, 16 March 2023 09:00 (1h 40m)

Presenters: JUNGHANS, Arnd (Institut für Kern- und Hadronenphysik Forschungszentrum Rossendorf); JUNGHANS, Arnd (Helmholtz-Zentrum Dresden Rossendorf (DE)); JUNGHANS, Arnd (Institut für Kern- und Hadronenphysik Forschungszentrum Rossendorf)

Contribution ID: 35

Type: **not specified**

First results of the Neutrons For Science Facility

Thursday, 16 March 2023 11:00 (20 minutes)

Presenters: LEDOUX, Xavier (CEA); LEDOUX, Xavier

Contribution ID: 36

Type: **not specified**

The use of naturally collimated neutron beams at the ALTO facility for applied research

Thursday, 16 March 2023 11:20 (20 minutes)

Presenter: WILSON, Jonathan

Contribution ID: 37

Type: **not specified**

Progress Report on the activities of the National Technical University of Athens (NTUA) supported by ARIEL

Thursday, 16 March 2023 11:40 (20 minutes)

Presenter: ZANNI VLASTOU, Roza (National Technical Univ. of Athens (GR))

Contribution ID: **38**

Type: **not specified**

Benchmark experiment databases and sensitivity and uncertainty analysis tools for nuclear data V&V

Thursday, 16 March 2023 12:00 (20 minutes)

Presenter: KODELI, Ivan (UKAEA)

Contribution ID: 39

Type: **not specified**

Measurement of the delayed neutron yield and group constants in the fast neutron induced fission of ^{238}U

Thursday, 16 March 2023 12:20 (20 minutes)

Presenter: BELVERGE, Dorian

Contribution ID: 40

Type: **not specified**

STELLAR –a unique concept neutron source

Thursday, 16 March 2023 13:30 (20 minutes)

Presenter: SIMPSON, Allan

Contribution ID: 41

Type: **not specified**

Investigating neutron scattering with surrogate proton induced reactions

Thursday, 16 March 2023 13:50 (20 minutes)

Presenter: HENNING, Greg

Contribution ID: 42

Type: **not specified**

Status of the Detector Development for a Double-Differential Cross Section Experiment with the Emission of Light Charged Particles from High Energy Neutrons

Thursday, 16 March 2023 14:10 (20 minutes)

Presenter: DIETZ, Mirco (Physikalisch-Technische Bundesanstalt (DE))

Contribution ID: 43

Type: **not specified**

Measurements with fast neutrons nELBE

Thursday, 16 March 2023 14:30 (20 minutes)

Presenters: Dr BEYER, Klaus Roland (Helmholtz-Zentrum Dresden Rossendorf (DE)); BEYER, Roland (Forschungszentrum Dresden-Rossendorf)