

Joint Ariel-SANDA meeting

7 mar. 2022 13:40 → 11 mar. 2022 18:05 Europe/Madrid

Descripción Welcome to the joint **ARIEL-SANDA H2020 projects** meeting. The meeting is held online and will merge the communities participating in the ARIEL education and training and SANDA nuclear data projects.

The **links** to the different **Webex videoconference** rooms are given below. Notice that logging on can be done form 30 mins before scheduled time of meeting:

1. ARIEL
7 March, [link](#)
8 March, [link](#)
9 March (Morning), [link](#)

2. SANDA
9 March (Afternoon), [link](#)
10 March, [link](#)
11 March, [link](#)

Inscripción  Participants

Participantes

A

Adina Olacel

A

Alberto MENGONI

A

Alejandro Algora

A

Alessandro Borella

A

Alexander Prokofiev

A

Alexandru Negret

A

Alexey Stankovskiy

A

Ali Al-Adili



Ali Farzanehpour Alwars

A

Ana Gomez

A

Antonin Krasa

A

Antonio Jiménez-Carrascosa

A

Ariel Ariel Tarifeño

A

Arjan Plompen

A

Arnd Junghans

B

Begoña Fernández

B

Benoît Geslot

B

Boromiza Marian

C

Carlos Guerrero Sánchez

C

Carola Franzen

C

Christophe Sage

C

Ciro Alfonso

D

Daniel Cano Ott

D

David BERNARD

D

Diane Doré

D

Diego Tarrio

D

Dimitri Rochman

D

Dominik Studer

D

Dorothea Schumann

E

Elisa Pirovano

E

Emilio Maugeri

E

Emilio Mendoza Cembranos

E

Enrique M. González Romero

F

Francisco Calvino

F

Frank Günsing

F

François Claeys

F

François-René LECOLLEY

G

Gabriel Lazaro Pavel

G

Gašper Žerovnik

G

Gilles Noguere

G

Giuseppe Lorusso

G

Goedeke Sibbens

H

Heikki Penttilä

H

Henrik Sjöstrand

I

Imre Pázsit

J

Jan Heyse

J

Jan Wagemans

J

Jason Hirtz

J

Jean-Christophe David

J

Jose Benlliure

K

Klaus Eberhardt

K

Klaus Wendt

L

Ludovic MATHIEU

M

Martin Ansorge

M

María de los Ángeles Millán Callado

M

Massimo Nocente

M

Maëlle Kerveno

M

Michael Bunce

M

Michal Košťál

M

Miguel Astrain

M

Mirco Dietz

M

Moad Al-dbissi

M

muriel fallot

N

Nasser Kalantar

N

NICOLAS LECLAIRE

N

Nikolaos Patronis

N

Nuria Garcia-Herranz

O

Oscar Cabellos

P

Pablo Romojaro

P

Pedro Vaz

P

Peter Schillebeeckx

P

Pierre Casoli

R

Ralf Nolte

R

Riccardo Mucciola

R

Riccardo Rossa

R

Robert Jacqmin

R

Roland Beyer

R

Ron Dagan

R

ROZA VLASTOU

S

Salvatore Fiore

S

Sonia Panizo

S

Stephan Pomp

S

Steven van der Marck

S

Sylvie Leray

T

Tamas Belgya

T

Trino Martinez

V

Vicente Bécares-Palacios

V

Ville Virtanen

X

Xavier Ledoux

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LUNES, 7 DE MARZO

14:00	→ 14:10	Welcome to the joint ARIEL SANDA meeting ⌚ 10m
Ponentes: Dr Arjan Plompen, Dr Arnd Junghans		
14:10	→ 15:35	ARIEL: ARIEL status report and first schools
Moderador: Dr Arnd Junghans		
14:10		ARIEL status report ⌚ 15m
Ponente: Dr Arnd Junghans		
 ARJ-ARIEL-STATUS....		
14:25		ARIEL TAA ⌚ 15m

	Ponente: Dr Elisa Pirovano
	 Status_ARIEL_TA_M...
14:40	ARIEL E&T ⌚ 15m
	Ponente: Dr Heikki Penttillä
	 ARIEL E and T sum...
14:55	ARIEL schools and dissemination ⌚ 5m
	Ponente: Dr Carlos Guerrero
	 CGuerrero_ARIEL-W...
15:00	The NuDataPath online course at CIEMAT ⌚ 20m
	Ponente: Dr Daniel Cano Ott (CIEMAT)
	 2022-03-03 Summa...
15:20	News from ENEN ⌚ 15m
	Ponente: Dr Gabriel Pavel
	 E2plus.pptx

MARTES, 8 DE MARZO

14:00	→ 15:25	ARIEL: Completed TAA experiments and visits
		Moderador: Dr Arjan Plompen (European Commission, Joint Research Centre, Geel)
14:00		TAA_1_2 - Response matrix of stilbene and new detection materials ⌚ 15m
		Ponente: Dr Kostal Michal
		 20220803_M_Kosta...
14:15		TAA_3_3 - Calibration of new fiber-mounted scintillation neutron detectors in a well characterized neutron flux for measuring the scalar flux and its gradient ⌚ 15m
		Ponente: Moad Al-dbissi (PhD candidate)
		 Moad Al-dbissi_Arie...
14:30		SV_1_1 - OPEN-CL framework for Digitizer FPGA signal processing ⌚ 15m
		Ponente: Mr Miguel Astrain
		 Ariel-presentation-0...
14:45		SV_1_4 - VERDI “2E-2v” state-of-the-art time-of-flight (TOF) spectrometer ⌚ 25m
		Ponente: Dr Ali Al-Adili
		 Al-Adili.pdf
15:10		Investigation of the plasma delay time effect in PIPS detectors for the development of the VERDI fission spectrometer ⌚ 15m
		Ponente: Ana Maria Gomez (Uppsala University)
		 ARIEL_SANDA_mee...
15:25	→ 15:40	Break ⌚ 15m
15:40	→ 16:25	ARIEL: Completed TAA experiments and visits
		Moderador: Dr Arjan Plompen (European Commission, Joint Research Centre, Geel)
15:40		SV_2_8 - Assessment of the feasibility for measuring neutron induced reactions at a laser-driven neutron beam ⌚ 15m
		Ponente: María Ángeles Millán
		 ArielMeeting_MAM...
		SV_2_6 - Gd transmission and preparation of Mo cross section measurement ⌚ 15m

15:55

Ponente: Ricardo Mucciola

Ricardo Mucciola_...



Ricardo Mucciola_...

16:10

TAA_1_4 - Characterization of the neutron response function of a C7LYC scintillator crystal for fusion plasma applications ⌚ 15m**Ponente:** Dr Massimo Nocente

HYPANOS_CLYC_V...

MIÉRCOLES, 9 DE MARZO

9:00 → 10:50

ARIEL: Selected Status reports of new facilities for ARIEL**Moderador:** Dr Arnd Junghans

9:00

The NFS facility at GANIL: First experiments ⌚ 25m**Ponente:** Xavier Ledoux (Ganil)

ARIEL-NFS.pdf

9:25

The n_TOF near station and new spallation target: experimental program for 2022 ⌚ 25m**Ponente:** Dr Alberto Mengoni

n_TOF AMengoni_m...

9:50

HISPANOS at CNA ⌚ 15m**Ponente:** Dr Carlos Guerrero

CGuerrero_HISPAN...

10:05

Tanja: the new Tandetron at PTB ⌚ 15m**Ponente:** Dr Elisa Pirovano

PTB_Tanja.pdf

10:20

The new MR_TOF spectrometer at JYU ⌚ 15m**Ponente:** Ville Virtanen (University of Jyväskylä)

Ariel 2022.pptx

10:35

Status of NESSA at UU ⌚ 15m**Ponente:** Dr Stephan Pomp (Uppsala University)

ARIEL-NESSA-Pomp...

10:50 → 11:05

Break ⌚ 15m

11:05 → 12:05

ARIEL: General assembly

11:05

The ARIEL amendment (Nov. 2020) ⌚ 30m**Ponente:** Dr Arnd Junghans

ARIEL_General_Ass...

11:35

CA preparation ⌚ 30m**Ponente:** Dr Carola Franzen

14:00 → 14:10

Welcome to the SANDA meeting ⌚ 10m**Ponentes:** Arjan Plompen (European Commission, Joint Research Centre, Geel) , Prof. Enrique González

14:10 → 15:50

SANDA: SANDA WP1 - Developments of new innovative detector devices**Moderador:** Dr Maëlle Kerveno

14:10

Introduction to WP1 activities ⌚ 15m**Ponente:** Dr Maëlle Kerveno

 MKERVENO-SANDA...
14:25 **Status of subtask 1.1.1** ⌚ 20m**Ponente:** Dr Frank Gunsing
 2022_03_09_SAND...
14:45 **Innovative devices for capture cross section measurement on actinides** ⌚ 20m**Ponente:** Emilio Mendoza Cembranos (CIEMAT)
 SANDA_WP1.3_EM...
15:05 **Status of the Development and Performances of new detectors for Non-Energy Application.** ⌚ 15m**Ponente:** Dr Mirco Dietz
 SANDA_Status_WP...
15:20 **Innovative neutron detector based on an organic scintillator** ⌚ 15m**Ponente:** Dr Robert Jacqmin
 SANDA-WP1-T1.2.1 ...
15:35 **The BELEN detector as a low resolution spectrometer** ⌚ 15m**Ponente:** Dr Ariel Tarifeño (IFIC-Valencia)
 Atarifeno_SANDA_...
15:50 → 16:10 **Break** ⌚ 20m16:10 → 17:50 **SANDA: WP2 New nuclear data measurements for energy and non-energy applications****Moderador:** Dr Daniel Cano Ott (CIEMAT)16:10 **Introduction to WP2** ⌚ 5m**Ponente:** Dr Daniel Cano Ott (CIEMAT)
 2022-03-09 WP2 SA...
16:15 **Status of the neutron capture cross section measurement of Pu-239** ⌚ 15m**Ponente:** Dr Daniel Cano Ott (CIEMAT)
 2022-03-9-Pu239 S...
16:30 **Status of the CLID chamber development at NPI** ⌚ 15m**Ponente:** Martin Ansorge
 March2022_SANDA...
16:45 **230Th(n,f) cross section measurements at the EAR-1 of the CERN n_TOF facility** ⌚ 15m**Ponente:** Prof. Roza Vlastou
 Vlastou-SANDA.pdf
17:00 **The 241Am(n,f) study at n_TOF** ⌚ 15m**Ponente:** Dr Nikolaos Patronis
 SANDA_patronis_m...
17:15 **Light-ion production measurements at NFS and nubar measurements** ⌚ 20m**Ponentes:** Dr Ali Al-Adili, Prof. Stephan Pomp
 SANDA-UUinWP2.pdf
17:35 **Inelastic cross section measurements at GAINS on 14N and 35, 37Cl** ⌚ 15m**Ponente:** Dr Adina Olacel
 Olacel_SANDA.pdf

JUEVES, 10 DE MARZO

14:00 → 15:50 **SANDA: WP2 New nuclear data measurements for energy and non-energy applications****Moderador:** Dr Daniel Cano Ott (CIEMAT)**14:00** **Welcome and short info** ⌚ 5m

Cancellation of:

- SCALP - (n,α) cross section measurement on fluor-19 and oxygen-16, F. Lecolley
- Fission Yields Measurements at the ILL Lohengrin spectrometer, Ch. Sage (slides are attached)

Ponente: Dr Daniel Cano Ott (CIEMAT) Sanda_Task_2-5-1_...**14:05** **Measurement of ^{233}U partial neutron inelastic scattering reaction cross section $\sigma(n, n'\gamma)$ with GRAPhEME at GELINA.**

⌚ 15m

Ponente: Mr François Claeys sanda_2022_claeys...**14:20** **Falstaff@NFS : fission yield studies in (n,f) reactions** ⌚ 15m**Ponente:** Dr Diane Doré 2022_FALSTAFF_SA...**14:35** **Refining the fission yield study techniques at the IGISOL** ⌚ 15m**Ponente:** Dr Heikki Penttillä Fission yield metho...**14:50** **Fission yields studies in inverse kinematics** ⌚ 15m**Ponente:** Prof. José Benlliure**15:05** **Recent results from decay studies** ⌚ 15m**Ponente:** Dr Alejandro Algora Sanda_workshop_2...**15:20** **Cross section measurements for the production of b^+ emitters needed for beam range verification in proton therapy**

⌚ 15m

Ponente: Dr Carlos Guerrero CGuerrero_ND4Non...**15:35** **Progress at NPL on spectrum averaged cross sections for dosimetry** ⌚ 15m**Ponente:** Dr Michael Bunce SANDA_workshop_...**15:50** → 16:00 **Break** ⌚ 10m**16:00** → 17:00 **SANDA: WP3 - Target Preparation for Improvement of Nuclear Data Measurements****Moderador:** Dr Dorothea Schumann**16:00** **Target Preparation for Improvement of Nuclear Data Measurements – Status report** ⌚ 15m**Ponente:** Dr Dorothea Schumann Collaboration meeti... Collaboration meeti...**16:15** **Overview and status of target requests and fostering the network of target makers** ⌚ 15m**Ponente:** Mrs Goedeke Sibbens Sibbens SANDA me...**16:30** **Target production at PSI: a brief overview** ⌚ 15m**Ponente:** Dr Emilio Maugeri Maugeri_Sanda_Ma...

16:45

Design of an isotope separator for target production ⌚ 15m**Ponente:** Dr Dominik Studer dominik_studer.pptx

VIERNES, 11 DE MARZO

14:00 → 16:00 **SANDA: WP4 Nuclear data evaluation and uncertainties****Moderador:** Dr Dimitri Rochman

14:00

SANDA task 4.1: Nuclear reaction code developments and evaluations ⌚ 15m**Ponente:** Dr Dimitri Rochman sanda.task41.11ma...

14:15

Progress of the IRSN activities ⌚ 15m**Ponente:** Dr Nicolas Leclaire Sanda-progress_20...

14:30

Nuclear reaction evaluation with CONRAD ⌚ 15m**Ponente:** Dr Gilles Noguere CONRAD_noguere_...

14:45

UU progress and plans in WP4 ⌚ 15m**Ponente:** Mr Henrik Henrik Sjöstrand (Uppsala Universitet) Progress and plans ...

15:00

Update on the activities performed within Task 4.2 ⌚ 15m**Ponente:** Dr Alexandru Negret task4.2_negret.pdf

15:15

Processing and sensitivity ⌚ 15m**Ponente:** Prof. Óscar Cabellos T4.3-SANDA_GM20...

15:30

High-energy model uncertainties ⌚ 15m**Ponente:** Dr Jason Hirtz WP4.5-hirtz-SANDA...

15:45

Applications ⌚ 15m**Ponente:** Vicente Bécares SANDA_T4.4_GM20...**16:00** → 16:10 **Break** ⌚ 10m**16:10** → 17:40 **SANDA: WP5 Nuclear data validation and integral experiments****Moderador:** Dr Robert Jacqmin

16:10

Status of WP5 ⌚ 5m**Ponente:** Robert Jacqmin (CEA) SANDA-WP5 status-...

16:15

Sensitivity analyses, impact studies, uncertainty estimates ⌚ 15m**Ponente:** Vicente Bécares SANDA_T5.1_GM20...

16:30

Homogenized neutronics model and sensitivity analysis of MYRRHA v1.8 ⌚ 15m

Ponente: Dr Pablo Romojaro

 Homogenized_neutr...

16:45

Impact studies for ESRF, ASTRID and ALFRED reactors ⌚ 10m

Ponente: Antonio Jiménez Carrascosa

 SANDA-Task5.1-D5...

16:55

Status of Task 5.2 – Validation studies ⌚ 15m

Ponente: Prof. Nuria García Herranz

 SANDA_WP5_Task5...

17:10

Neutron transmission experiments at the GELINA facility in support of oscillation measurements ⌚ 10m

Ponente: Gilles Noguere

 MINERVE_noguere_...

17:20

AOSTA experimental program at TAPIRO ⌚ 10m

Ponente: Dr Pierre Casoli

 SANDA-AOSTA-220...

17:30

Preliminary results of a pile noise experiment in LR-0 reactor ⌚ 10m

Ponente: Benoit Geslot (CEA DES DEN/DER/SPESI LP2E)

 SANDA WP5.3 - Prel...

17:40 → 17:55 **SANDA: WP6 Management, ND research coordination at EU level and Education and Training**

Moderador: Dr Arjan Plompen (European Commission, Joint Research Centre, Geel)

17:40

Sustainable framework for the coordination of the European nuclear data research ⌚ 15m

Ponente: Prof. Sylvie Leray

 SANDA_March22_T...

17:55 → 18:00 **Concluding remarks** ⌚ 5m

Ponentes: Arjan Plompen (European Commission, Joint Research Centre, Geel) , Enrique Miguel Gonzalez Romero (CIEMAT)