

**APRENDE**

# **APRENDE workshop**

## **- from the experiment to the evaluation**

WP2 – WP4 meetings #1

IPHC, Strasbourg, 26-27 / 02 / 2025

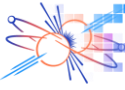
Maëlle Kerveno, CNRS/IPHC

Dimitri Rochman, PSI

Daniel Cano Ott, CIEMAT



# WELCOME !!

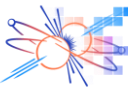


## General goals of this series of meetings

- Create a space where experimentalists and evaluators can exchange about their practices  
their expertise  
to better understand the constraints, the needs, etc of each other
- Enhance links between communities to  
better know each other  
share, as much possible as, common objectives



# WELCOME !!

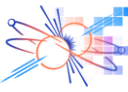


## Goals of this first meeting

- Sharp overview of main WP2 & WP4 thematics to better know who is doing what
- Pedagogic presentations of experimental & evaluation issues for the main reaction channels
- Share good practices to tend to efficient evaluations



# PRACTICAL INFORMATION



## Zoom link and Wifi

### ➤ Zoom

<https://cern.zoom.us/j/69699794706?pwd=rB2GUSb4FI8K9EilPQJVmxUdRJETy.1>

ID de réunion: 696 9979 4706

Code secret: 893318

### ➤ WIFI

eduroam



local

IPHC-Visitor

Login : conf-aprende

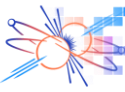
Password : aprende2025



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# PRACTICAL INFORMATION



## Coffee breaks

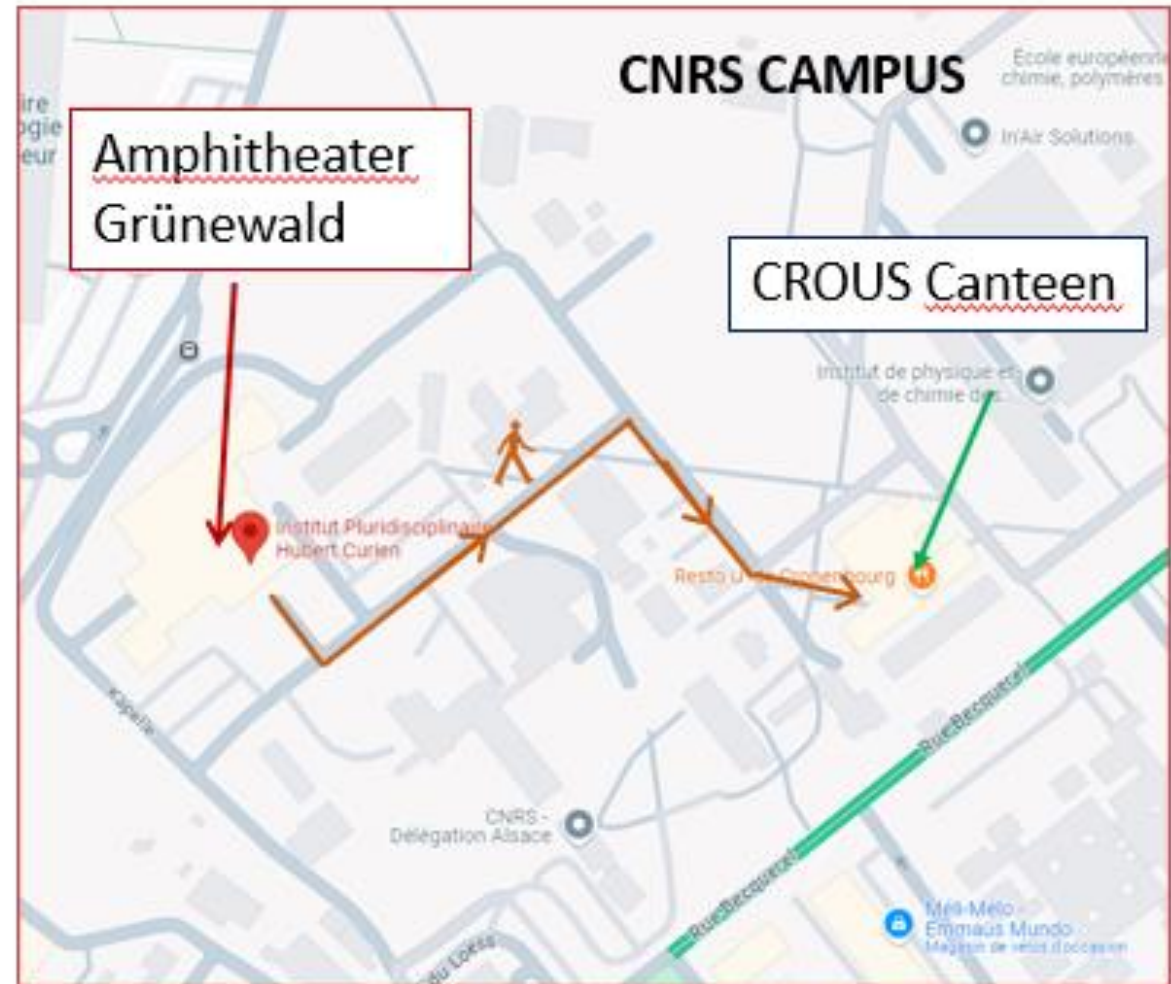
- At the entrance of the amphitheater

## Lunches

- At the « CROUS » canteen

Lunch 26/02 offered by APRENDE

Lunch 27/02 to be paid by participants



# PRACTICAL INFORMATION

**Diner 26/02 – 19h30**

➤ **Restaurant l'Ancienne Douane  
6 rue de la Douane, Strasbourg**

➤ **Aperitives and desert offered by DNR team@IPHC**

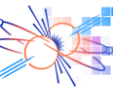
➤ **For each participant 20 € to pay directly this evening to the restaurant**

➤ **Remember your choice !**

Choucroute Strasbourgeoise 4 Garnitures or Baeckeoffe or Bibeleskaes, Pommes Sautées (Vege)

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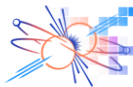
Strudel aux Pommes et sa Crème Anglaise or Kouglouf Glacé au Marc de Gewurztraminer



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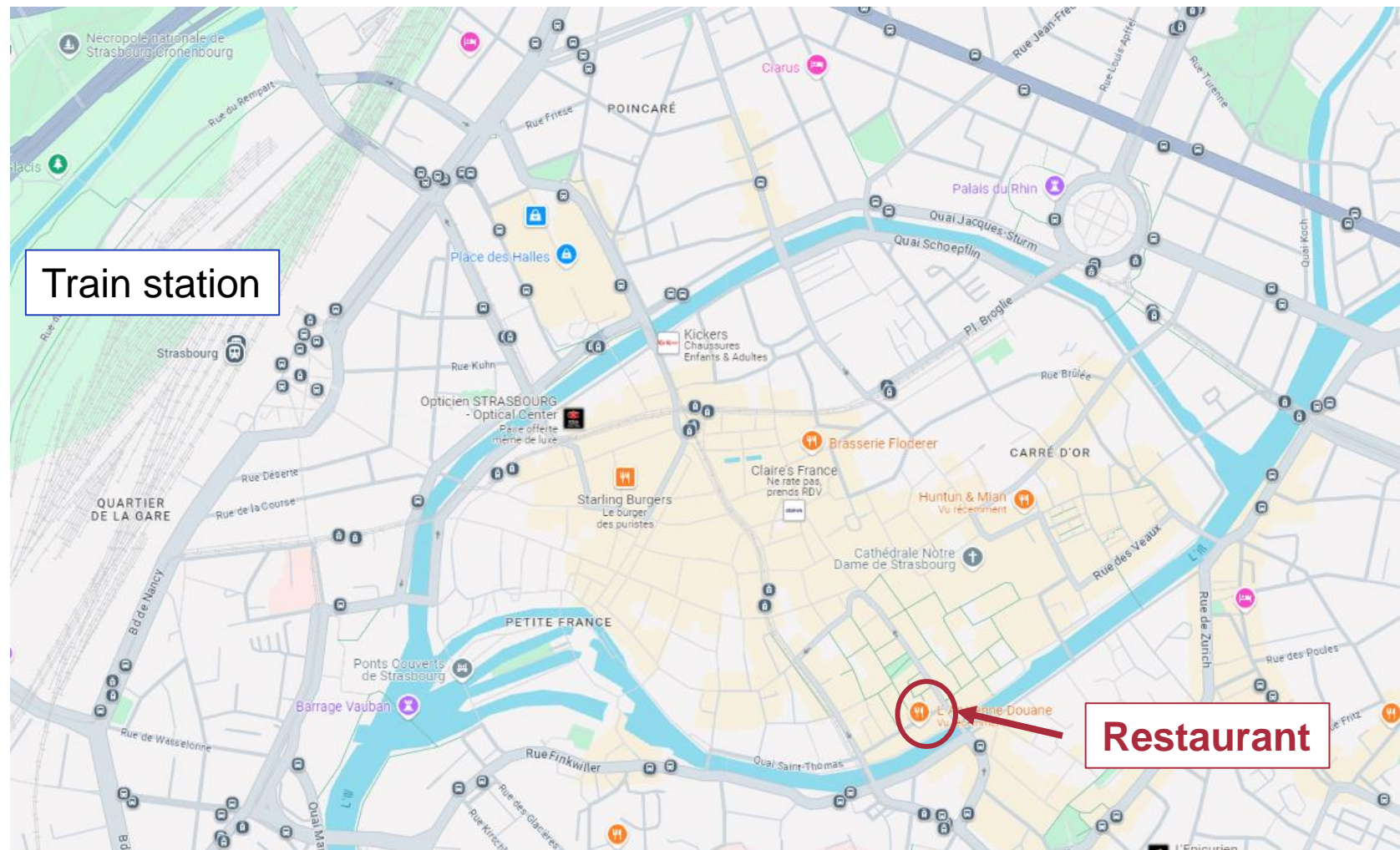
# PRACTICAL INFORMATION



**Diner 26/02 – 19h30**

➤ **Restaurant l'Ancienne Douane**  
**6 rue de la Douane, Strasbourg**

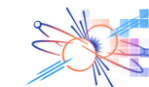
From Train station 20 min walk  
or  
Tramway A or D  
Stop Langstross Grand Rue  
or Porte de l'Hôpital



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# LET'S START!



<b>09:00</b>	<b>→ 11:00</b>	<b>Session 1: decay data: Experiments and evaluations</b>	
		Session dedicated to decay data	
		Présidents de session: Dimitri Rochman (Paul Scherrer Institute), Dr Maëlle Kerveno (CNRS/IPHC)	
<b>09:00</b>		<b>Beta decay</b>	🕒 30m
		Orateur: Dr Muriel Fallot (Subatech-Université de Nantes)	
<b>09:30</b>		<b>Decay data evaluation</b>	🕒 30m
		Orateur: Dr Stefan Lalkovski (Sofia University)	
<b>10:00</b>		<b>Coffee break</b>	🕒 30m
<b>10:30</b>		<b>Discussion</b>	🕒 30m
<b>11:00</b>	<b>→ 12:30</b>	<b>Session 2: Fission yields: Part 1/2</b>	
		Session dedicated to fission yields	
		Présidents de session: Dimitri Rochman (Paul Scherrer Institute), Dr Maëlle Kerveno (CNRS/IPHC)	
<b>11:00</b>		<b>Experiment: FALSTAFF</b>	🕒 30m
		Orateur: Dr Jean-Eric ducret (GANIL)	
<b>11:30</b>		<b>Experiment: VERDI</b>	🕒 30m
		Orateur: Dr Ali Al-Adili (Uppsala University)	
<b>12:00</b>		<b>Evaluation: CEA Cadarache</b>	🕒 30m
		Orateurs: Abdelhazize Chebboubi (CEA Cadarache), Dr Grégoire Kessedjian (CEA Cadarache), Dr Olivier Sérot (CEA Cadarache)	
<b>12:30</b>	<b>→ 14:00</b>	<b>Lunch</b>	🕒 1h 30m

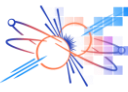


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# LET'S CONTINUE!



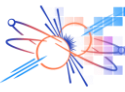
14:00	→ 16:00	<b>Session 2: Fission yields: Part 2/2</b>		
Session dedicated to fission yields				
09:00	→ 11:00	Session 1: decay data: Experiments and evaluations		
14:00		<b>Evaluation CEA Cadarache</b>		⌚ 30m
Orateurs: Dr Abdelhazize Chebboubi (CEA Cadarache), Grégoire Kessedjian (CEA Cadarache), Olivier Sérot (CEA Cadarache)				
Présents de session: Dimitri Kozmenko (Paul Scherrer Institut), Dr Malika Karimov (CEA Cadarache)				
14:30		<b>Application: decay heat</b>		⌚ 30m
Orateur: Dr Lydie Giot (Subatech IMT Atlantique)				
15:00		Decay data evaluation	<b>Discussion</b>	⌚ 30m
Orateur: Dr Stefan Lakovicki (Paul Scherrer Institut)				
15:30		Coffee break		⌚ 30m
Coffee break				
16:00	→ 18:30	<b>Session 3: cross section: Part 1/2 (resonance range)</b>		
Session dedicated to cross sections				
11:00	→ 12:30	Session 1: Fission yields: Part 1/2		
16:00		<b>Experiment: n_TOF</b>		⌚ 30m
Orateur: Dr Emilio Mendoza (CIEMAT)				
Présents de session: Dimitri Kozmenko (Paul Scherrer Institut), Dr Malika Karimov (CEA Cadarache)				
16:30		<b>Fission Reaction Studies at n_TOF: Overcoming Data Analysis Challenges</b>		⌚ 30m
Orateur: Dr Nikolas Patronis (University of Ioannina)				
17:00		Experiment: VERDI	<b>Discussion</b>	⌚ 1h
Orateur: Dr Ali Al-Adib (CERN)				
19:30	→ 22:00	Evaluation: CEA Cadarache	<b>Dinner</b>	⌚ 2h 30m



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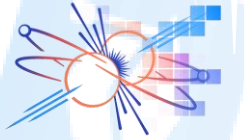
# LET'S CONTINUE!



JEUDI 27 FÉVRIER

Time	Activity	Duration
09:00 – 13:00	Session 3: cross section: Part 2/2 (continuum range) Session dedicated to cross sections	
09:00	Evaluation CEA Cadarache Orateur: Dr Gilles Noguere (CEA Cadarache)	30m
09:30	Experiment: continuum range (GAINS@GELINA) Orateur: Dr Adina Coman (IFIN-HH)	30m
10:00	Evaluation: CEA Bruyeres le Chatel Orateurs: Cyrille de Saint Jean (CEA Bruyeres), Dr Pascal Romain (CEA Bruyeres), Dr Stephane Hilaire (CEA Bruyeres)	30m
10:30	Coffee break	30m
11:00	Application Orateur: Dr Fiorito Luca (SCK·CEN)	30m
11:30	Japanese overview of ND effort Orateur: Dr Kenichi Tada (JAEA)	30m
12:00	Discussion	30m
12:30 – 13:00	End of workshop, wrap-up and conclusions	30m





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## Get in touch for more information:



<https://aprende-project.eu/>



[contact@aprende-project.eu](mailto:contact@aprende-project.eu)

## Thank you!



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