

Agenda: day one 17th!

Day 1	17 th October, Central European Time	
Time	Presentations	
13:45	Welcome and opening	M Gabriella Perrotta (Italian Ministry of Health), Angelo Ferrari (director IZSPLV)
14:00	EURO TSE work programme 2021-2022: what done, what to do	Giuseppe Ru
14:25	Rapid Tests EQA (RB & RS): results of the 2021 round and forthcoming 2022 round	Elena Bozzetta
14:50	Confirmatory immunoblotting (WB & WS): results of the 2021 round and forthcoming 2022 round	Pier Luigi Acutis
15:15 – 15:30 Informal poster viewing with coffee break		
15:30	Histopathology interpretation EQA	Barbara Iulini
15:45	Recent EFSA outputs on TSEs	Angel Ortiz Pelaez (EFSA)
16:15	Scrapie situation and recent findings from Iceland	Stefanía Þorgeirsdóttir
16:50	Characterization of emerging CWD strains in Europe	Romolo Nonno
17:30	Discussion and wrap up of the day	Giuseppe Ru

Greetings from the Italian
Ministry of Health

Dr. Maria Gabriella Perrotta

Greetings from the General
Director of the IZSPLV

Dr. Angelo Ferrari

“Dear colleagues, due to a concurrent meeting in Bruxelles on the African Swine Fever epidemic that is affecting our region I’m unfortunately unable to attend your important meeting.

However, I am really pleased to welcome you for these two days of work.

I’m also happy that at least part of you is able to attend this meeting in person, as I believe that networking opportunities, now once again possible, are crucial in our field of activity.

I’m sure that you will enjoy discussing the results of the proficiency tests and receiving information on those that will be organised for you.

This year you will find an agenda full of scientific topics accompanied by stimulating updates from our guests from EFSA and the European Commission.

A warm welcome in Torino and have a great day’s work.”

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EURL TSE

Work programme 2021-2022

what done, what to do

Giuseppe Ru, EURL-TSE



outline

- the EQAs started in late 2021 and completed in early 2022
- Beyond the EQAs
- A long-term activity that will start soon: ...
- The new EURL website, available in a few weeks
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the EQAs started in late 2021 and completed in early 2022

The 2021 round of External Quality Assessments (EQA)

9 different Proficiency Tests (PT) were run:

- 2 Screening: **Rapid test** for BSE and for scrapie (RB21, RS21)
- 3 Confirmatory: **Immunoblot** for BSE and scrapie (WB21, WS21) & **PrP immunohistochemistry interpretation** (IHC-I21)
- 2 Discriminatory: **Discriminatory western blot** in bovine and in small ruminants (DB21 & DS21)
- 2 Genotyping: **PRNP genotyping** in sheep and in goats (GS21, GG21)

the EQAs started in late 2021 and completed in early 2022

EQA_ID	EQA description	Participating countries	Announcement date	Period of material distribution	Deadline for results submission	NRL with results complying with 2° round
RB21	BSE screening rapid test	25	2021-12-07	13-14 December	2022-01-31	1
RS21	Scrapie screening rapid test	26	2021-12-07	13-14 December	2022-01-31	1
WB21	BSE confirmatory immunoblot	23	2021-12-07	13-14 December	2022-01-31	///
WS21	Scrapie confirmatory immunoblot	24	2021-12-07	13-14 December	2022-01-31	2
IHCI21	PrP Immunohistochemistry Interpretation	21 (35 readers)	2021-12-07	13-14 December	2022-01-17	
DB21	Discriminatory western blot in bovine	12	2021-12-06	06-09 December	2022-02-25	4 [#]
DS21	Discriminatory western blot in small ruminants	19	2021-12-06	06-09 December	2022-02-25	^
GS21	<i>PRNP</i> sheep genotyping	22	2021-11-29	29-31 November	2022-01-28	1*
GG21	<i>PRNP</i> goat genotyping	14	2021-11-29	29-31 November	2022-01-28	§

**14 – 26
participating
countries**

Four laboratories passed the PT after re-testing

^ One of the laboratory didn't provide the PT results

* One Laboratory repeated the 2° round PT successfully, 1 is still resetting the SOP

§ Two laboratories that fail the PT are still resetting the SOP

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Launched in november-december 2021

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Results available between January and February

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All countries were successful!
 (only in few cases a second round
 has been necessary)

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the EQAs started in late 2021 and completed in early 2022

The new round

Between October and November the new
2022 round will be launched!

News in the following presentations...

outline

- the EQAs started in late 2021 and completed in early 2022
- **Beyond the EQAs**
- A long-term activity that will start soon: ...
- The new EURL website, available in a few weeks
- The EURL annual meeting in Turin: back in person

Beyond the EQAs

- The 2021-2022 was a period of ***assistance and dialogue*** with the NRLs. The following countries requested some help or exchange views:

Croatia, Finland, France, Germany, Ireland, Latvia, Norway, Portugal, Romania and Sweden

- Over time several issues were discussed with the **European Commission...**
- **Lab safety:** in November 2012, visit in Torino of the French delegation of the General Inspectorates of the Ministries of Agriculture and Research
- **Batch testing protocol revision** has been completed

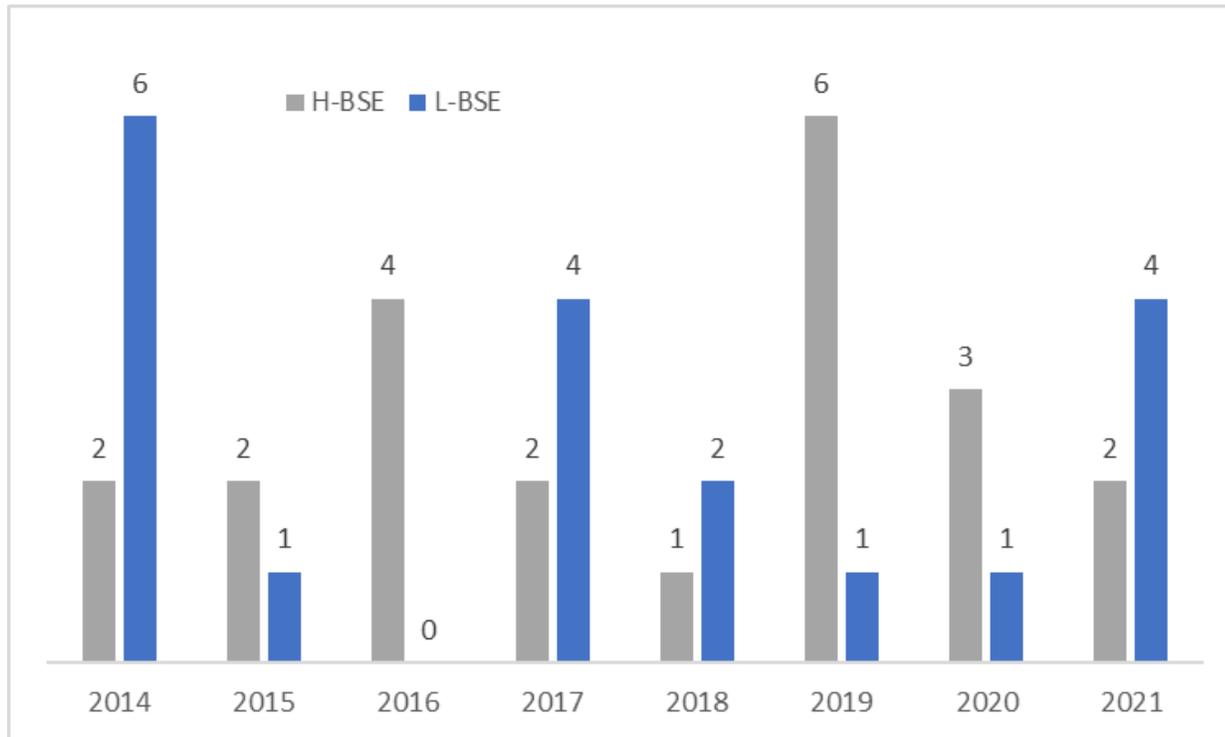
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A long-term activity that will start soon...

Project for propagation of Atypical BSE

Since their discovery (**2004**), the **overall EU caseload** of L-BSE and H-BSE has been very small (65 and 60 cases respectively).



Annual cases over last 8 years

A long-term activity that will start soon...

Project for propagation of Atypical BSE

- The **scarcity of reference materials of atypical BSE** (both L-type and H-type BSE) is one of the main concerns for the continuation of the activities related to interlaboratory comparative testing and batch testing.
- Based on preliminary contacts with Friedrich-Loeffler-Institut (FLI, German TSE NRL), **a joint project for the production of reference material** is being prepared.

A long-term activity that will start soon...

Project for propagation of Atypical BSE

Challenges that were/are being addressed:

- amount of **reference material needed** and the resulting number of calves entered for the challenge,
- administrative tasks for the **animal welfare approval of the experiment**, preparation of the stables,
- finding animal caretakers and a veterinarian to supervise the experiment, finding suitable calves, designing protocols for the collection, transfer and storage of samples and for the final cleaning and disinfection of the animal facility at the end of the study period.

A long-term activity that will start soon...

The project in a nutshell

- **6-10 calves** will be challenged for each type of atypical BSE at 4-6 months of age.
- This involves the **inoculation of 1 ml of 10% homogenate** per animal intracerebr.
- After inoculation, the animals will undergo **clinical examinations (weekly), blood sampling (monthly) and cerebrospinal fluid collection (every six months)**.
- The confirmation of BSE infections and subsequent collection of reference materials at necropsy will take place **after 20 months**.



Facilities at the FLI, Isle of Riems



A long-term activity that will start soon...

Project for propagation of Atypical BSE

Based on an exploratory estimate of the reference material required annually for EQAs and batch testing, this activity should be sufficient to make enough material available to

cover requirements for a period of 20 years.

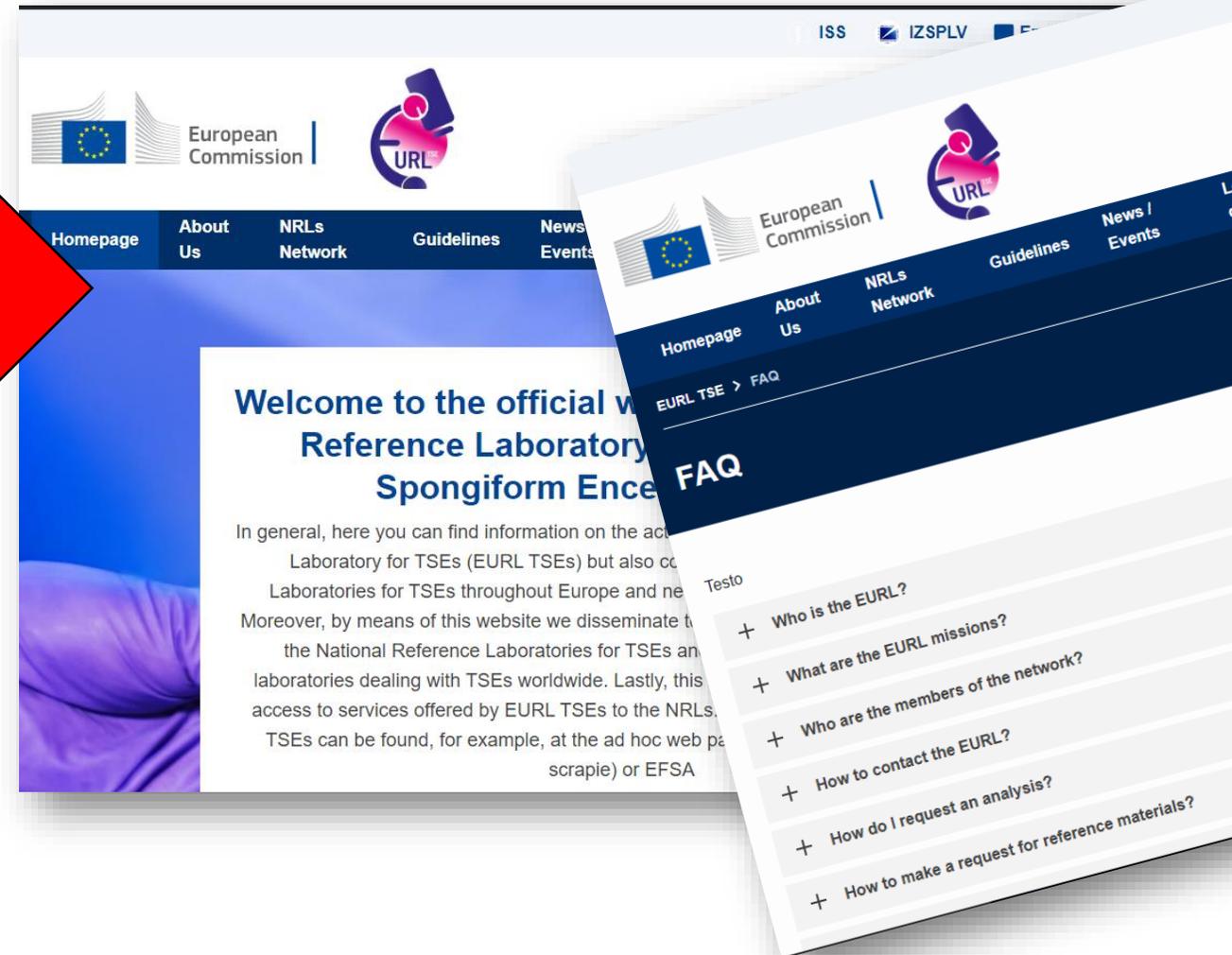
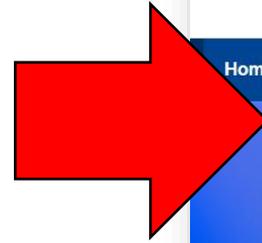
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The new EURL website, available in a few weeks

It will include a free access area:

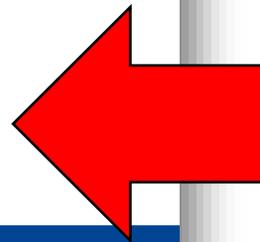
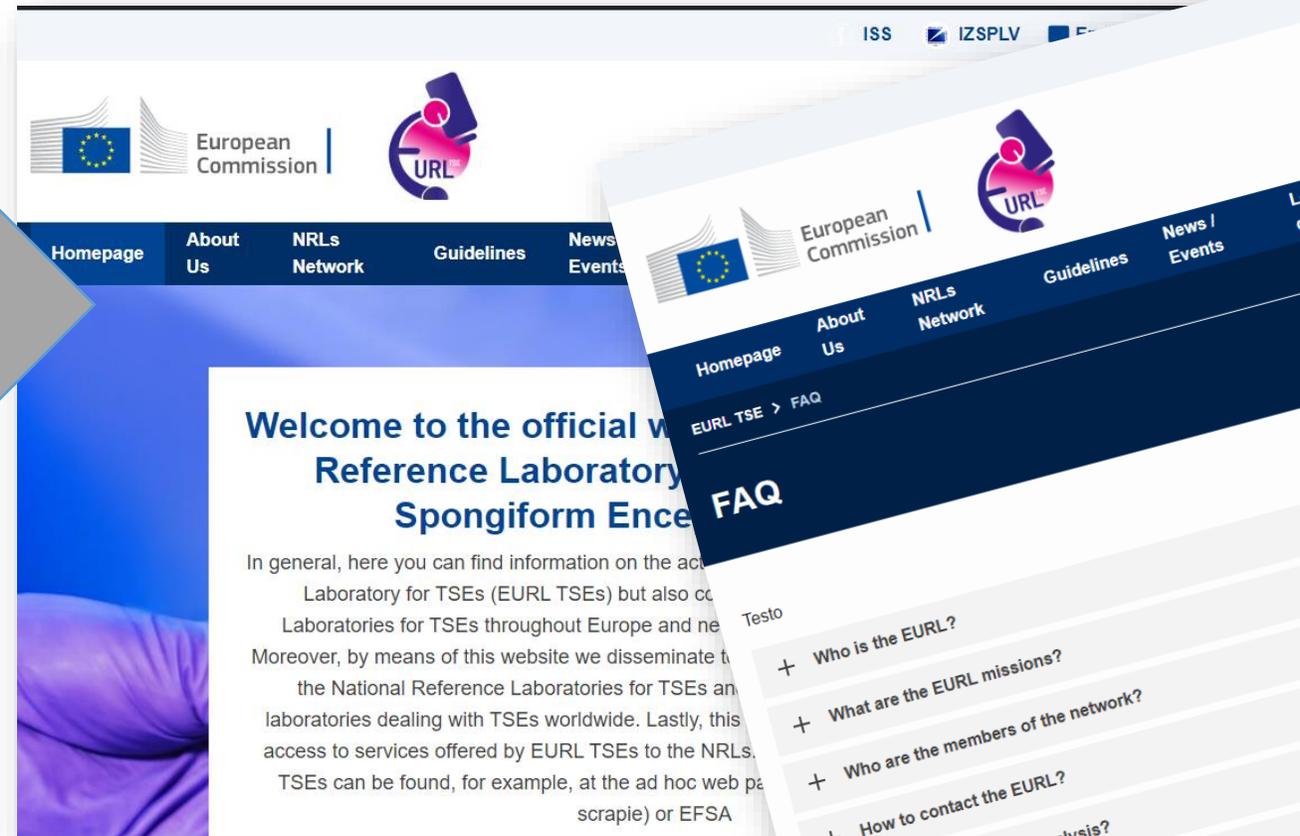
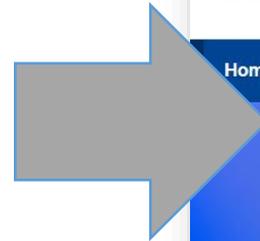
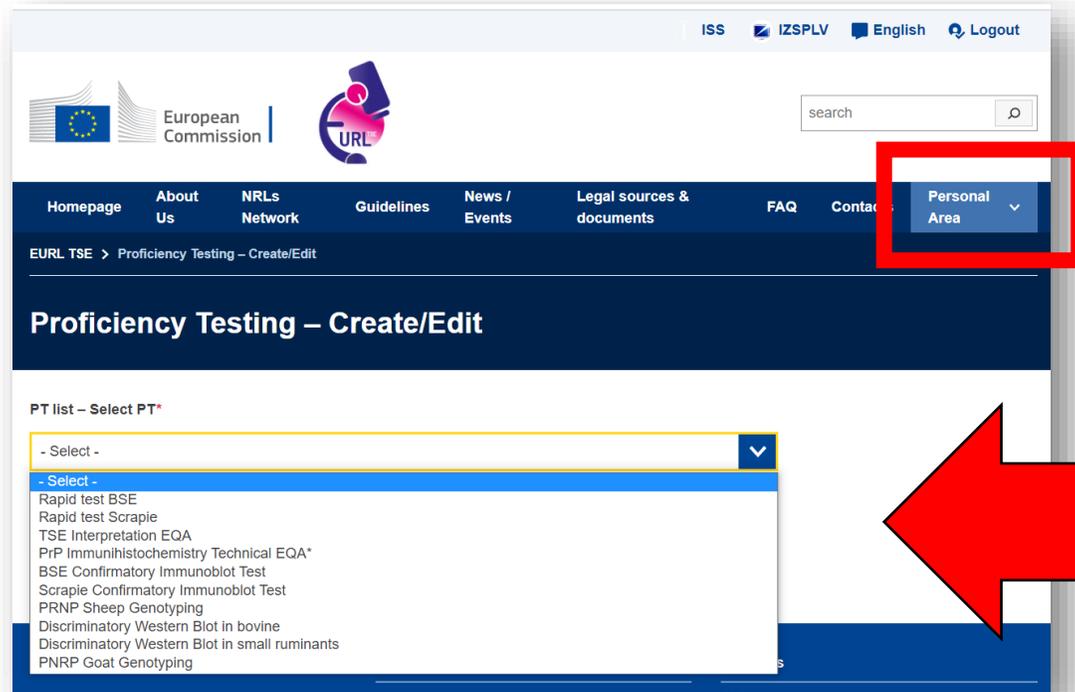
Homepage; About Us; NRLs Network; Guidelines; News / Events; Legal sources & documents; FAQ; Contacts



The new EURL website, available in a few weeks

It will include a free access area:

Homepage; About Us; NRLs Network; Guidelines; News / Events; Legal sources & documents; FAQ; Contacts



and an area accessed via login/password, dedicated to EURL and NRL staff for the management of PTs and Batch tests

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After 2 years, here we are

19th TSE EURL/NRL Annual Meeting

17 – 18 October 2022, Turin - Italy

TSE EURL
Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta
Turin
Istituto Superiore di Sanità
Rome

19th Annual Meeting of the TSE
Torino, Italy - 17th-18th October
(Preliminary agenda)

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15:45	Histopathology interpretation EQA
16:00	Recent EFSA outputs on TSEs.
16:30	News/Info from the participants
	Discussion: issues and proposals
18:00	Wrap up of the day
20:00	Gala Dinner
Day 2	18 th October, Central European Time
Time	Presentations
09:00	Welcome and opening
09:05	(Temi specifici)
10:05	Update on regulatory activities EU
10:35	Discriminatory Western Blot in sheep and in Bovine EQA (DS and f 2021 round
11:05 – 11:20	Informal poster viewing with coffee
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11:50	Forthcoming 2022 round Western Blot in Small R Genotyping in sheep (f 2021 round
12:30	(Temi specifici)
	Discussion: issues and proposals

19th TSE EURL/NRL Annual Meeting
17 – 18 October 2022

Meeting Venue
The 2022 TSE EURL/NRL Annual Meeting will take place at the **Hotel Diplomatic**
The full address of the venue is: Hotel Diplomatic, Via Cernaia, 42 - 10122
www.hotel-diplomatic.it sales@hotel-diplomatic.it
Tel +39 011 5612444

Programme
The conference will be a two-half day meeting on:
17 October 2022 from 14.00 to 18.00
18 October 2022 from 09.00 to 13.00

Participants will be expected to arrive in the early afternoon on Monday 17th and have lunch on Tuesday 18th October.

Topics for discussion will be similar to previous workshops, i.e. matters relating to Q regulatory matters, scientific updates and news from your NRLs. The final programme will be confirmed and circulated soon.

Presentations & Posters
As in the past, contributions from NRLs are highly valued, both by the EURL organisers and other participants. We would encourage representatives from all member states to actively participate and contribute to the meeting in some way. At this time, we would ask for contributions from each NRL, either as a presentation or a poster.

Oral presentations:
We propose a theme for oral presentations relating your presentation to the current situation of TSE in your country. We would ask for contributions from all member states to actively participate and contribute to the meeting in some way. At this time, we would ask for contributions from each NRL, either as a presentation or a poster.

Posters:
Any TSE-related topic is welcome. If you have a poster, we would ask for contributions from all member states to actively participate and contribute to the meeting in some way. At this time, we would ask for contributions from each NRL, either as a presentation or a poster.

The EURL annual meeting in Turin: back in person

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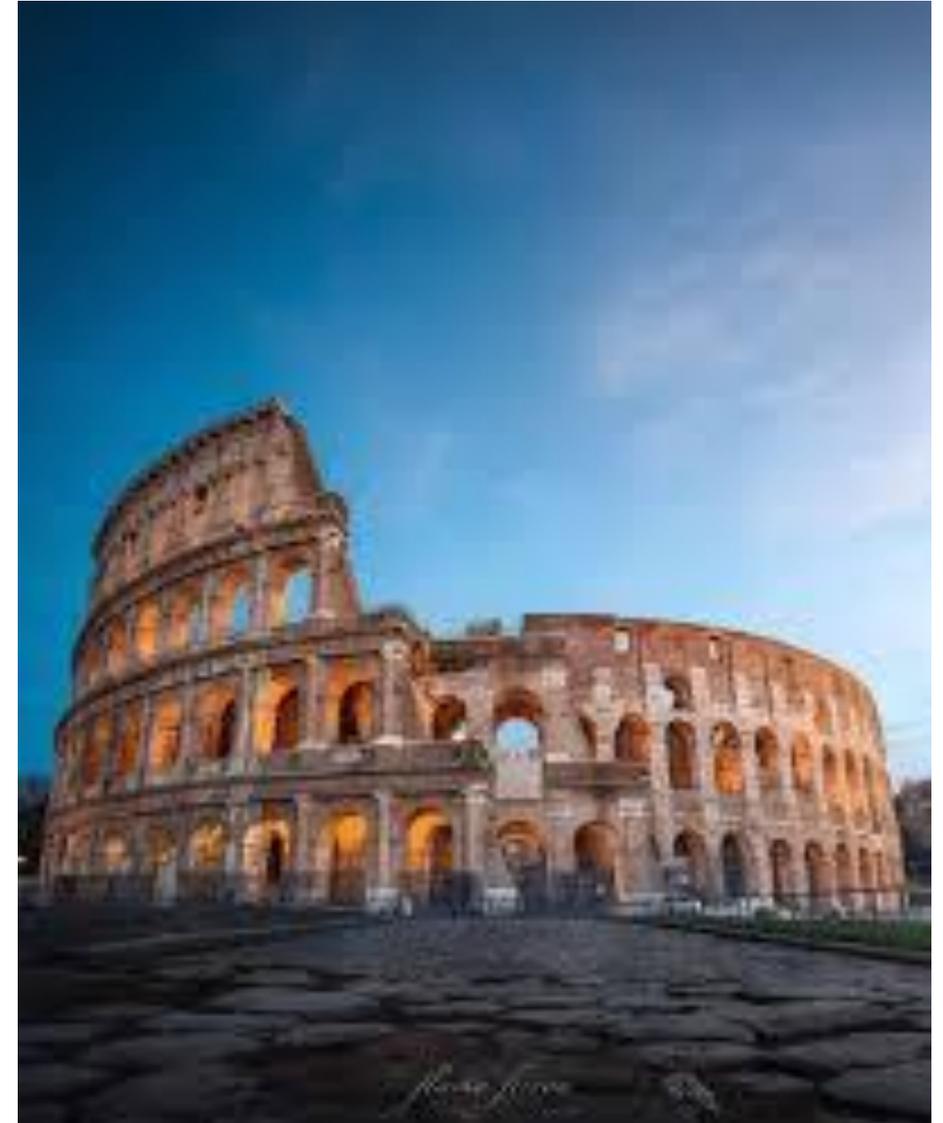
17 – 18 October 2022, Turin - Italy

With the AP-EURL, we are planning to organise a **“joint EURLs meeting”** in 3-5 May 2023 in Rome

Day 1: pm, half a day, AP(?) EURL

Day 2: one joint day, common session

Day 3: am, half a day, TSE(?) EURL



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Let's have a look to the agenda in details...

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