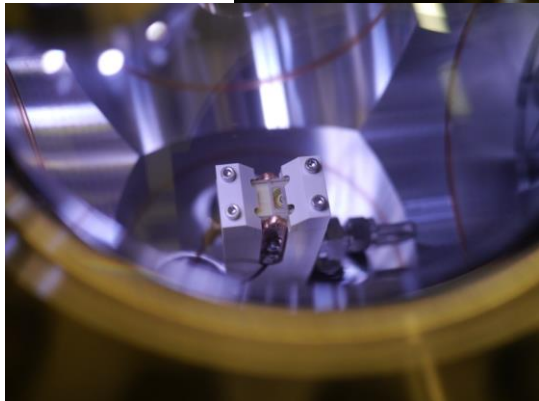
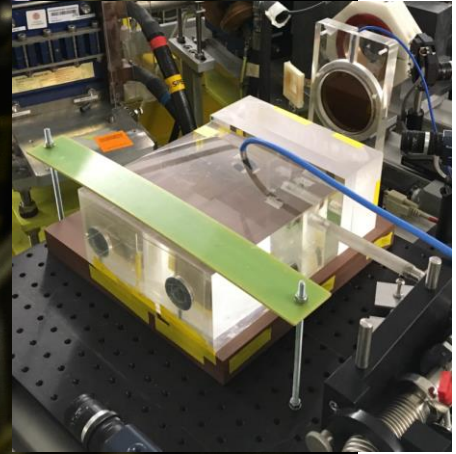


R. Corsini



CERN Linear
Electron
Accelerator
for Research

The CLEAR Scientific Board (CSB) periodically reviews the progress of the experimental program, steers the experimental program and gives recommendations on proposed experiments and activities on the basis of their scientific interest and the availability of the facility. The Scientific Board members participate to the formal approval process of the beam time requests.

Members:

Giovanni ANELLI (CERN)

Hans BRAUN (PSI)

Philip BURROWS (JAI/Oxford U.) *chair*

Roberto CORSINI (CERN) *ex officio*

Ilias EFTHYMIPOULOS (CERN)

Angeles FAUS-GOLFE (CNRS/In2p3-Orsay)

Massimo FERRARIO (INFN-LNF)

Eugenia HATZIANGELI (CERN)

Giuseppe LERNER (CERN)

Steinar STAPNES (CERN)

Marie-Catherine VOZENIN (UNIL/CHUV)

- The CSB will act in concertation with the local CLEAR Technical Board (CTB), responsible for assessing the technical, safety and radioprotection aspects of each proposal before the experiments are submitted for final approval to the CSB and to the safety/RP representatives, and for the detailed beam time scheduling.

- The CSB will meet once per year, before the start of operation (in February/March) in order to assess the execution of the experimental program in the previous year, examine the new experiment proposals received until then and give recommendations on the new year experimental program, indicating priorities if needed. The formal approval of each individual request for beam time is done through a remote procedure, and further proposals, received after the CSB yearly meeting, will be accepted during the year following such procedure.

The CLEAR Technical Board (CTB) is responsible for assessing the technical, safety and radioprotection aspects of each proposal before the experiments are submitted for final approval to the CSB and the safety and RP representatives, and follows-up the beam time scheduling.

Members:

Roberto CORSINI (BE-ABP), Facility Coordinator

Davide GAMBA (BE-ABP) Facility Safety Officer (ad-interim), Technical Support

Markus WIDORSKI (HSE-RP), Radio Protection Officer

Wilfrid FARABOLINI (BE-ABP), Beam Expert, Operation

Pierre KORYSKO (BE-ABP and Oxford University), Beam Expert, Operation

Kyrre SJOBAK (BE-ABP and Oslo University) Beam Expert and User Representative

Stefano Mazzoni (SY-BI), User Representative



Experiment Request Form

A. REQUESTER DETAILS

Date: _____

Principal Investigator: _____

Institution: _____

Contact Information (phone/email): _____

Experiment Members: _____

Collaborating Institutions: _____

Funding Source (optional): _____

Approximate Experiment Duration
and/or Desired Dates: _____

B. EXPERIMENT DESCRIPTION

1. **Scientific justification** (one paragraph)

2. **Experiment short description and goals** (max 1 page)

C. BEAM PARAMETERS

Please provide as many details as possible. Provide ranges if you have the necessity to vary some of the parameters during your experiment.

Bunch charge / length: _____

Number of bunches / time structure: _____

Beam energy / energy spread: _____

Transverse Twiss parameters (β ; α ; ϵ)
or beam size/shape: _____

Critical parameters and stability
requirements
(e.g. orbit, beam size, charge,...): _____

D. EXPERIMENTAL APPARATUS

Give a detailed description of the experimental apparatus, including as appropriate:

1. Sketch of the planned layout with dimensions
2. Description of the DAQ system coming with the experiment and what additional DAQ will be needed from CLEAR
3. Elemental composition and masses of eventual items exposed to the beam or a secondary radiation field
4. Other electronics components (HV supplies, scopes, etc.)
5. Cooling or gas supply needs
6. Radioactive sources
7. Computing infrastructure needs
8. Support needed from CLEAR: triggers, technicians, DAQ systems, cooling, gas lines, etc.
9. Any other aspect of importance

E. EXPERIMENT LOGISTIC

Give details of the logistics for the experiment, including as appropriate:

1. Space requirements (include sketch)
2. Special requirements (cooling water, gasses, electricity, magnets, detectors, etc)
3. Estimated installation time
4. Duration of the experiment
5. Desired calendar dates
6. Estimation of activation of items or auxiliary equipment exposed to radiation, or expected total exposure (time and beam intensity)
7. Final destination of irradiated items (please be aware that irradiated equipment may be considered as radioactive after the experiment and will need to be handled according to CERN radiation protection regulations. Some details can be found on <http://clear.cern/content/logistics>)
8. Any other aspect of importance

<https://edms.cern.ch/ui/#!master/navigator/project?P:100569561:100569561:subDocs>

The screenshot shows the EDMS web interface. The top navigation bar includes 'Home', 'Favourites', 'Inbox', and 'Caddie'. The left sidebar shows a 'Navigator' with a tree view of folders: CLEAR, General, Commissioning and Operation, Design and Layout, Equipment, Experiments, and Experiment Requests. The main content area displays 'CERN-0000225819 2022' with 'Restricted access'. Below this is a 'More info' section with tabs for 'Documents', 'Structure', 'Used in', 'Access rights', and 'History'. The 'Documents' tab is active, showing a table of documents with columns for #, Id, Title, Status, Created on, Author, and Document type. The table lists 28 documents, including titles like '63-Large pattern microBPM', '64-Bunch Length Measurement with ChDR...', and '65-AWAKE Cherenkov Diffraction Radiati...'. The status of documents varies, including 'Engineerir', 'Released', and 'In Work'. The bottom of the interface shows 'Page 1 of 1' and 'EDMS 6.1 © CERN'.

#	Id	Title	Status	Created on	Author	Document type	Tags
10	2688188 v.1	63-Large pattern microBPM	Engineerir	2022-02-01	Giuseppe Pezzullo	Specification	
20	2712908 v.1	64-Bunch Length Measurement with ChDR...	Released	2022-03-04	Andreas Schloegelhof	Specification	
30	2712936 v.1	65-AWAKE Cherenkov Diffraction Radiati...	Released	2022-03-06	Collette Pakuza	Specification	
40	2715940 v.1	66-R2E FLASH+EDI	Released	2022-03-11	Andrea Coronetti	Specification	
50	2716146 v.1	67-Gaseous_Detector_Dosimetry	In Work	2022-03-11	Yannick Arnoud	Specification	
60	2716895 v.1	68-Plasma_Lens	In Work	2022-03-15	Kyrre Ness Sjøbak	Specification	
70	2718199 v.1	69-Beam_Current_Transformer	In Work	2022-03-18	Frank Stulle	Specification	
80	2722047 v.1	70-VHEE Scatterers	Released	2022-03-30	Cameron Robertson	Specification	
90	2722586 v.1	71-VHEE_Detectors	Released	2022-03-31	Joseph Bateman	Specification	
...	2734870 v.1	72-FLASH and spatially fractionated radio...	Released	2022-05-02	Magdalena Bazalova-	Specification	
...	2736327 v.1	73-R2E Measurement neutron fluence wit...	Released	2022-05-04	Matteo Cecchetto	Specification	
...	2746681 v.1	74-Irradiati... 73-R2E Measurement neutron fluence with SEL-sensitive SRAM memories	Released	2022-06-10	Roberto CORSINI	Specification	
...	2755162 v.1	75-Beam Profiler detector for the LUXE ex...	Released	2022-07-05	Roberto CORSINI	Specification	
...	2756293 v.1	76 - CChDR sampling by KAPTEOS elect...	Released	2022-07-08	Roberto CORSINI	Specification	
...	2766530 v.1	77-Scintillating Fibres VHEE UHDR Real-...	Released	2022-07-23	Joseph Bateman	Specification	
...	2767505 v.1	78 - Scintillating/Optical Fiber UHDR Dosi...	Released	2022-07-27	VILDE FLOGNFELDT	Specification	
...	2768621 v.1	79-ChDR Bunch Length Monitor	Engineerir	2022-08-02	Can Davut	Specification	
...	2775092 v.1	80-CHUV-VHEE-UHDR-FLASH-RT	In Work	2022-08-30	Marie-Catherine Voze	Specification	
...	2780890 v.1	81-Passive-time VHEE UHDR dosimetry	Released	2022-09-19	Vilde F. Rieker	Specification	
...	2786025 v.1	82-Comparison of different neutron monitors	Engineerir	2022-09-29	Marco Tisi	Specification	

<https://edms.cern.ch/ui/#!master/navigator/project?P:100569561:100569561:subDocs>

The screenshot displays the EDMS web interface. At the top, there is a navigation bar with 'EDMS', 'Home', 'Favourites', 'Inbox', and 'Caddie'. A search bar and 'Settings'/'Help' links are also present. The main content area is divided into a left sidebar (Navigator) and a main panel. The Navigator shows a tree structure with folders like 'CLEAR', 'General', 'Design and Layout', 'Equipment', and 'Experiments'. The main panel shows the project details for '2755162 v.1' (75-Beam Profiler detector for the LUXE experiment) by Roberto CORSINI. It includes a 'More info' section with tabs for 'Sub-Documents', 'Used In', 'Approval & Comments', 'Access rights', 'Versions', and 'History'. The 'Approval & Comments' tab is active, showing a list of comments and their statuses. The comments include 'In Work status', 'Engineering Check status', and 'Released status'. A detailed comment by Gamba Davide is expanded, discussing the detector design and signals. Another comment by Widorski Markus discusses the final destination of irradiated items. The interface also shows a filter section and a footer with 'Engineering & Equipment Data Management Service' and 'EDMS 6.1 © CERN'.

<https://edms.cern.ch/ui/#!/master/navigator/project?P:100569561:100569561:subDocs>

**EDMS**

APPROVAL PROCESS deadline

To: Roberto Corsini,

Reply-To: Edms.Mail@cern.ch

Inbox - CERN 20 September 2022 at 06:01

Dear Approval Leader,

This is the automatic reminder about document(s) with the review process started by you which reach the deadline in the next 24 hours.

2767505 v.1 "78 - Scintillating/Optical Fiber UHDR Dosimeters ", deadline 2022-09-21

Link: <https://edms.cern.ch/document/2767505/1>

2755162 v.1 "75-Beam Profiler detector for the LUXE experiment", deadline 2022-09-21

Link: <https://edms.cern.ch/document/2755162/1>

2756293 v.1 "76 - CChDR sampling by KAPTEOS electro optical probes", deadline 2022-09-21

Link: <https://edms.cern.ch/document/2756293/1>

Remember that at any time you can access the list of processes started by you from the EDMS Inbox: <https://edms.cern.ch/inbox/reviewProcesses>.

Best regards,
EDMS Team

*Thanks for
your attention!*

