

# EEE-data access interface

Carmelo Pellegrino and Francesco Noferini

# General scheme

**Aim:** provide an interface for the students to request a subset of data

**Constraints:**

- Use as much as possible the infrastructure already present
- Minimise the effort for both the students and the researchers
- Track requests and accesses to the data

**Proposed solution:** ELOG+custom EEE software

ELOG can work as a user interface for both the requests and the replies.

# Workflow

- The user logs into the EEE ELOG (the same used for the shifts) with usual user-name and password
- Creates a new entry in the dedicated logbook, specifying the parameters of the query and submits it
- An automatic procedure starts on query arrival (polling) and produces some output depending on the query type
- As soon as the procedure returns, the output is attached to an entry as a reply to that created by the user.





# Draft ELOG interface

Query











Request a subset of data Logged in as "Carmelo Pellegrino" ELOG

















Submit Save Preview Delete *Draft saved at 15:28:55*










Fields marked with \* are required



Entry time:	Wed Jun 14 14:56:06 2017
Author*:	Carmelo Pellegrino
Request type:	efficiency plot ▾
Telescope ID:	BOLO-01 ▾
Start time*:	June ▾ 13 ▾ Year: 2017  04 ▾ : 00 ▾ : 00 ▾ 
Stop time*:	June ▾ 14 ▾ Year: 2017  04 ▾ : 00 ▾ : 00 ▾ 
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Source          

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# Current status

- The feasibility has been investigated together with Francesco Nof. and Fabrizio C.
- Development and test of the automatic query retrieval and parsing are on-going
- The requests types have to be defined and the related software has to be developed