

Experiment Report Form

The double page inside this form is to be filled in by all users or groups of users who have had access to beam time for measurements at the ESRF.

Once completed, the report should be submitted electronically to the User Office using the **Electronic Report Submission Application:**

<http://193.49.43.2:8080/smis/servlet/UserUtils?start>

Reports supporting requests for additional beam time

Reports can now be submitted independently of new proposals – it is necessary simply to indicate the number of the report(s) supporting a new proposal on the proposal form.

The Review Committees reserve the right to reject new proposals from groups who have not reported on the use of beam time allocated previously.

Reports on experiments relating to long term projects

Proposers awarded beam time for a long term project are required to submit an interim report at the end of each year, irrespective of the number of shifts of beam time they have used.

Published papers

All users must give proper credit to ESRF staff members and proper mention to ESRF facilities which were essential for the results described in any ensuing publication. Further, they are obliged to send to the Joint ESRF/ ILL library the complete reference and the abstract of all papers appearing in print, and resulting from the use of the ESRF.

Should you wish to make more general comments on the experiment, please note them on the User Evaluation Form, and send both the Report and the Evaluation Form to the User Office.

Deadlines for submission of Experimental Reports

- 1st March for experiments carried out up until June of the previous year;
- 1st September for experiments carried out up until January of the same year.

Instructions for preparing your Report

- fill in a separate form for each project or series of measurements.
- type your report, in English.
- include the reference number of the proposal to which the report refers.
- make sure that the text, tables and figures fit into the space available.
- if your work is published or is in press, you may prefer to paste in the abstract, and add full reference details. If the abstract is in a language other than English, please include an English translation.



	Experiment title: A Number of Proteins from Bacteria to Eukarya and from Antarctic to Volcanic Areas	Experiment number:
Beamline:	Date of experiment: from: 11/18/2004 to: 11/19/2004	Date of report: March 9,2005
Shifts:	Local contact(s):	<i>Received at ESRF:</i>
Names and affiliations of applicants (* indicates experimentalists): Massimiliano Perduca - University of Verona Stefano Capaldi – University of Verona Beniamino Faggion - University of Verona		

Report:

The following data sets were collected:

1 – cocrystals of FEL and chitobiose

The electron density of the ligand is not sufficiently clear to allow for an unambiguous interpretation of the binding site.

2 – two crystal forms of axolotl liver basic fatty acid-binding protein

Modest resolution, about 2.5 Å which in this case is not high enough. The experiment will be repeated with better crystals.

3 – cocrystals of BEL and T-antigen and chitobiose

The definitive experiment, the data are sufficient for a publication but are waiting for the functional studies to be completed

4 – cocrystals of BEL and N-acetylglucosamine and N-acetylgalactosamine.

The same as number 3, the data are really good and have permitted an unambiguous interpretation of the ligand binding sites.

The results have not yet been published

