



	Experiment title: Structural dynamics: time resolved diffraction of photolytic intermediates of myoglobin and hemoglobin	Experiment number: LS 1411
Beamline: ID 09	Date of experiment: from: 20 th August to: 23 rd August	Date of report: 28/2/2000
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Report:

We have determined the most useful protocol to perform the photolysis experiment on our crystals, at room temperature as well as at very low one. In particular we succeeded in setup the picosecond laser timing, to obtain a very good time window to explore, going from 150 ps to ns. Moreover, we obtained also a convincing sample preparation protocol to do good CO derivatives of our crystals and to mount them in anaerobic conditions in the capillary, using the EMBL facilities. The experiment was not successful as the crystals have been probably damaged by the airplane transport, so the diffraction quality (previously tested in our conventional diffractometer in Rome) was poorer than expected.