

ANNEX 2

INFORMATION ON RISKS RELATED TO THE EXPERIMENTAL ACTIVITY of USERS

DIVISIONE / SEDE Research Division	U.F. / SERV. / ESPER. DAFNE-Light	RESPONSABILE A. Balerna	LABORATORY INFN-LNF
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CLASSIFICATION of RISKS

L = Low (few times per year)
M = Medium (few times per month)
H = High (always)

A1 – MECHANICAL RISKS	YES	NO
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A3 – ELECTRICAL RISKS	YES	NO
3.7 Managing electrical equipment	M	

A5 – NOISE RISKS	YES	NO
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A7 – MANUAL HANDLING OF LOADS	YES	NO
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A9 – OVERHEAD CRANE USE and TEMPORARY WORK AT A HEIGHT	YES	NO
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A11 - EXPOSURE TO CARCINOGENS OR MUTAGENS	YES	NO
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A12 – EXPOSURE TO IONISING RADIATION	YES	NO
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A2 – THERMAL RISKS	YES	NO
2.3 Cold (liquid nitrogen – see Note 1)	M	

A4 – NON-IONISING RADIATION	YES	NO
4.2 Infrared radiation (see Note 2)	M	
4.4 UV radiation (see Note 3)	M	
4.6 Static magnetic field (presence of ion pumps - see Note 4)	M	

A6 – CHEMICAL RISKS	YES	NO
6.2 Users's samples information notes		

A8 – VIDEO DISPLAY TERMINAL USAGE	YES	NO
8.3 Video display terminals are used to control the experiments.	M	

A10 - BIOHAZARD	YES	NO
10.2 Users's samples information notes (only Group 1 biological agents - unlikely to cause human disease - are admitted).		

Notes:

1- Liquid nitrogen can cause severe frostbite or eye damage upon contact. To handle liquid nitrogen safety equipment including heavy loose-fitting leather or cryogenic gloves and eye and face protection must be worn.

2 – Only SINDAD-IR beamlines users low power INFRARED radiation source used (P<1mW)

3- Only for UV-Vis users ultraviolet radiation is dangerous to eyes and skin, indicated safety equipment must be used.

4 - At about 0.5 m from the ion pumps a measured static magnetic field of 0.5 Gauss was measured. Pacemaker users or others with magnetic implants should not exceed 0.5 mT (5 gauss) at any time.