















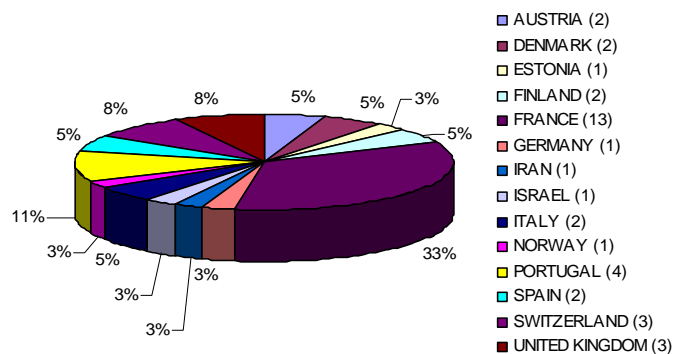
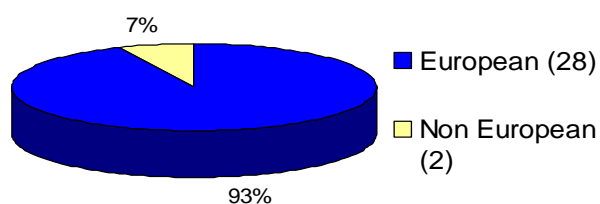
WORKSHOP

“Structural Glycoscience: methods and instrumentation”

1) **NUMBER OF EXTERNAL:** 38

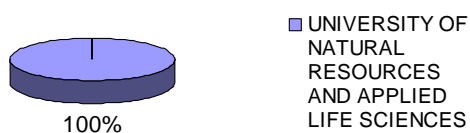
2) **PROCEDENCE:** 14 COUNTRIES

AUSTRIA		ISRAEL	
DENMARK		ITALY	
ESTONIA		NORWAY	
FINLAND		PORTUGAL	
FRANCE		SPAIN	
GERMANY		SWITZERLAND	
IRAN		UNITED KINGDOM	



Location and distribution of the external students who attended to the Workshop

Austria (2 students)



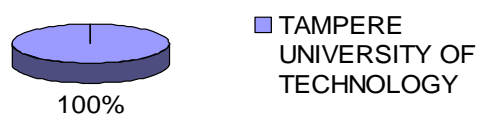
Denmark (2 students)



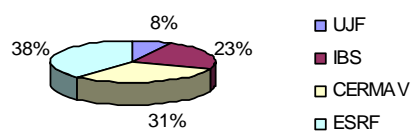
Estonia (1 student)



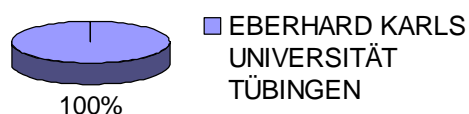
Finland (2 students)



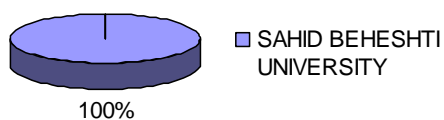
France (13 students)



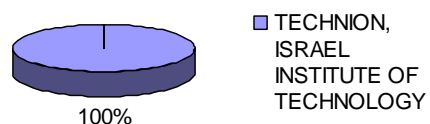
Germany (1 student)



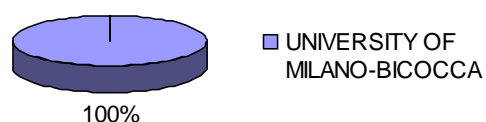
Iran (1 student)



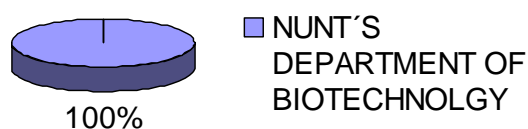
Israel (1 student)



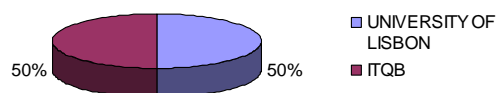
Italy (2 students)



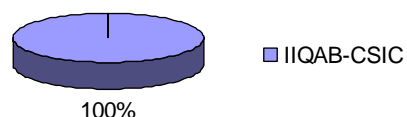
Norway (1 student)



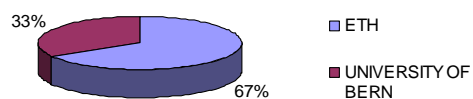
Portugal (4 students)



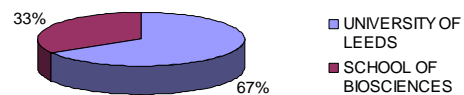
Spain (2 students)



Switzerland (3 students)



United Kingdom (3 students)



Distribution of the students in the institutions in each country

FOR MORE INFORMATION ABOUT THE STUDENTS, GO TO THE LINK
"LIST OF ATTENDANTS"



3) GRANTS:

21 students and post-doc received travelling grants (up to 300 euros) from the European Science Foundation in the framework of the.

The Euroglycoscience Forum (EUROGLYCOFORUM):

<http://www.esf.org/activities/research-networking-programmes/life-earth-and-environmental-sciences-lesc/current-esf-research-networking-programmes-in-life-earth-and-environmental-sciences/the-euroglycoscience-forum-euroglycoforum.html>

NAME	LABORATORY	COUNTRY
BEULER-MARTÍNEZ, Silvia (PhD)	ETH (ZÜRICH)	SWITZERLAND
BRANSON, Thomas (Post-Doc)	UNIVERSITY OF LEEDS (LEEDS)	UNITED KINGDOM
CIGHETTI, Roberto (Master)	UNIVERSITY OF MILANO BICOCCA (MILAN)	ITALY
CUESTA SEIJO, José Antonio (Post-Doc)	CARLSBERG RESEARCH (COPENHAGEN)	DENMARK
DANNE, Reinis (PhD)	TAMPERE UNIVERSITY OF TECHNOLOGY (TAMPERE)	FINLAND
D'ORAZIO, Giuseppe (PhD)	UNIVERSITY OF MILANO- BICOCCA (MILAN)	ITALY
FASCIONE, Martin (Post-Doc)	UNIVERSITY OF LEEDS (LEEDS)	UNITED KINGDOM
GOUVEIA, Ricardo M. (PhD)	INSTITUTO DE TECNOLOGIA QUÍMICA E BIOLÓGICA (OEIRAS)	PORTUGAL
HYKOLLARI, Alba (PhD)	UNIVERSITY OF NATURAL RESOURCES AND APPLIED LIFE SCIENCES (VIENNA)	AUSTRIA
JORGENSEN, René (Post-Doc)	CARLSBERG LABORATORY (COPENHAGEN)	DENMARK
KADAM, Rameshwar (PhD)	UNIVERSITY OF BERN (BERN)	SWITZERLAND
MARTÍNEZ-SEARA MONNE, Héctor (Post-Doc)	TAMPERE UNIVERSITY OF TECHNOLOGY (TAMPERE)	FINLAND
NUNES, Mario (PhD)	UNIVERSITY OF LISBON (LISBON)	PORTUGAL
QIN, Fen (PhD)	NTNU's DEPARTMENT OF BIOTECHNOLOGY (TRONDHEIM)	NORWAY
RAMBARUTH, Neela (PhD)	SCHOOL OF BIOSCIENCES (LONDON)	UNITED KINGDOM
SCHILLER, Birgit (PhD)	UNIVERSITY OF NATURAL RESOURCES AND APPLIED LIFE SCIENCES (VIENNA)	AUSTRIA
SCHUMANN, Benjamin (apply Thesis)	EBERHARD KARLS UNIVERSITÄT TÜBINGEN (TÜBINGEN)	GERMANY
SHALEV, Moran (PhD)	TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY (HAIFA)	ISRAEL
TRAPERO, Ana (PhD)	IIQAB (BARCELONA)	SPAIN
VILA REAL, Helder (PhD)	UNIVERSITY OF LISBON (LISBON)	PORTUGAL
VISNAPUU, Triinu (PhD)	UNIVERSITY OF TARTU (TARTU)	ESTONIA

4) PRACTICALS TRAINING

ESRF/ILL

Participants will attend a general presentation followed by a visit of macromolecular beamlines:

1. Biocrystallography (5 beamlines)
2. Cryobench
3. Bio-SAXS
4. Neutron Scattering

IBS

Participants will attend in a set of experiments

5. Transmission Electron Microscope: Sample preparation and observation.
6. Surface Plasmon Resonance: interaction tests.

1st practical training ESRF+ILL (Beam Lines) / IBS (TEM & SPF)

The students changed the site:

2nd practical training ESRF+ILL (Beam Lines) / (TEM & SPR)

N° students	Practical training
11	Transmission Electron microscopy (IBS)
11	Surface plasmon resonance (IBS)
5	ILL (Neutron Source)
From 4 to 8 student per beamline. Total of student-visits on the beamlines: around 40 (some students went on several beamlines)	<u>ESRF beamline:</u> ID09 – Time resolved beamline ID13 – Microfocus Beamline ID23-1: Gemini-Macromolecular crystallography ID29 – Multiple wavelength Anomalous Diffraction CryoBench Bio-SAXS Beamline