

HERCULES Specialised Courses 2: Structural Genomics						
	<u>Monday 9th</u>	<u>Tuesday 10th</u>	<u>Wednesday 11th</u>	<u>Thursday 12th</u>	<u>Friday 13th</u>	
09:00	WELCOME COURSE Bioinformatics Robert Esnouf Oxford University	COURSE Protein Expression/Purification Thierry Vernet IBS, Grenoble	COURSE Biophysical techniques Joseph Zaccai ILL, Grenoble	COURSE Phasing MAD/SAD/RIP Marc Schiltz Lausanne Polytechnic school	COURSE/HIGHLIGHT A Structural Genomics project Ashley Deacon JCSG, Stanford	
		Protein Expression/Purification Difficult cases Darren Hart EMBL, Grenoble		X-ray Structure Model Building Low Resolution cases Tim Grune Göttingen University	ESRF Deinococcus radiodurans Structural Genomics project David Hall ESRF, Grenoble	
10:30	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	
11:00	COURSE or PC tutorial Bioinformatics Robert Esnouf Oxford University	COURSE Robotic crystallisation Jose-Antonio Marquez EMBL, Grenoble	COURSE Data Analysis: DNA+scaling Olof Svensson ESRF, Grenoble	COURSE High Resolution cases Serge Cohen NKI, Amsterdam	PC tutorial Structure Solution Tim Grune (HB) Göttingen University	
		Xtals detection and scoring Serge Cohen NKI, Amsterdam	Data Collection at the ESRF using ISPyB & sample changer Xavier Thibault ESRF	Beamline Practicals	Structure Solution Serge Cohen (HB) NKI, Amsterdam	
12:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
14:00 Group [1] Group [2] Group [3] Group [4]	PC tutorial Bioinformatics Robert Esnouf Oxford University	PSB Visit Protein Expression/purification Protein Crystallisation Xtal automatic detection/ scoring Local tutors	Beamline Practicals BM14/ID14-4/ID23-1/ID29 MAD/SAD Data Collection Local beamline tutors	Beamline Practicals BM14/ID14-4/ID23-1/ID29 MAD/SAD Data Collection Sulphur SAD-RIP Local beamline tutors	Crystallographic PC tutorial Data Analysis Structure Solution Local tutors + Serge + Tim	
		COFFEE				
	16h00		Poster session followed by Restaurant in Grenoble			Round Table Session
	18:00					Conclusion Farewell buffet