

Data retrieval and structure determination
from synchrotron powder diffraction data - Programme

Wednesday, April 3rd 2013			
15:30	-	16:00	<i>Welcome coffee</i>
16:00	-	16:15	Short Introduction Jordi Rius
16:15	-	16:45	General beamline description Inma Peral
16:45	-	17:30	Types of powder diffraction and high-pressure experiments Francois Fauth
17:30	-	19:00	Tour through Alba beamlines with a detailed visit of BL04 (MSPD)
19:00	Bus from Alba to hotel		



Thursday, April 4th 2013			
8:30	-	9:00	Bus from Hotel Campus to ALBA site
9:00	-	10:00	One hour (with questions) The mythen II detector: Practical aspects to obtain the best results
			Inma Peral
10:00	-	11:00	The CCD detector: how to average radially
			Catalin Popescu
<i>11:00</i>	-	<i>11:30</i>	<i>Coffee, half an hour</i>
11:30	-	12:30	One hour (with questions) Description and practical details of the mad26 detector
			Inma Peral
12:30	-	13:00	The Powder Diffraction Database
			Anna Crespi
<i>13:00</i>	-	<i>14:30</i>	<i>Lunch</i>
Data processing part:			
14:30	-	14:45	Space group determination and intensity extraction with Dajust
			Oriol Vallcorba
15:00	-	16:00	Dajust: Practical examples to be followed in-situ
			Oriol Vallcorba and Inma Peral
16:00	-	18:00	Fullprof and Winplotr
			Carlos Frontera
18:00			Bus from Alba to hotel



Friday, April 5th 2013			
Solving the structural model:			
9:00	-	10:30	Cluster-based direct methods: Xlens-pd6 Jordi Rius
<i>10:30</i>	-	<i>11:00</i>	<i>Coffee</i>
11:00	-	13:00	Direct space least-squares: TALP Oriol Vallcorba
<i>13:00</i>	-	<i>14:00</i>	<i>Lunch</i>
14:00	Bus from ALBA Site to hotel Campus (to pick up luggage, taxis arrangements from Hotel to airport,etc.)		

