7 - 12 Settembre 2015

Neutron scattering applied to polymer systems - Programma provvisorio

Introduzione alle tecniche neutroniche per lo studio della struttura e della dinamica di sistemi polimerici

	Monday 7 Sept	Tuesday 8 Sept	Wednesday 9 Sept	Thursday 10 Sept	Friday 11 Sept	Saturday 12 Sept
8:30 - 9:20	*R. Bongiovanni* Introduction on polymers	S.*Turri* Advanced concepts on polymer structure	*F. Spinozzi/ E. Fratini* SANS applications	Day trip to the Institut Laue Langevin, Grenoble	G. *Raffaini* Advanced concepts on polymer dynamics	Tutorials on QENS/NSE *A. Paciaroni, M. Gonzales, M. Maccarini, E. Fratini*
9:30 - 10.20	*R. Bongiovanni* Basic concepts on polymer structure	*P. Mariani* SANS fundamentals	*F. Gannazzoli* Basic concepts on polymer dynamics		*A. Paciaroni* Quasi Elastic Neutron Scattering fundamental	
10:30 -11:20	*R. Bongiovanni* Basic concepts on polymer structure	*P. Mariani* SANS Fundamentals	*F. Gannazzoli* Basic concepts on polymer dynamics		*A. Paciaroni* Quasi Elastic Neutron Scattering fundamental	
11:30 - 12:20	*M. Zanatta* Mathematical tools in neutron scattering	*M. Maccarini* The basis of neutron reflectometry	*M.G. Ortore* Introduction to European large scale facilities		*M. Gonzales* Quasi Elastic Neutron Scattering applications	Final Remarks
	Lunch					
14:00 - 14:50	*M. Zanatta* Mathematical tools in neutron scattering	Tutorial on SANS/ Neutron Reflectometry *P. Mariani, F. Spinozzi, M. Maccarini, M. Ortore, E. Fratini*	Tutorial on SANS/ Neutron Reflectometry *P. Mariani, F. Spinozzi, M. Maccarini, M. G. Ortore, E. Fratini*		*M. Gonzales* Quasi Elastic Neutron Scattering applications	
15:30 - 15:50	*R. Magli* Basic concepts in neutron scattering				*M. Maccarini* Introduction to Neutron Spin Echo	
16:00 - 16:50	*R. Magli* Basic concepts in neutron scattering				*F. Spinozzi/E. Fratini* How to write a proposal	