

10-nov-09	Conference Frontiers in Diagnostic Technologies ICFDT		
25 november	registration 8.00-9.15		
morning	session measurements of temperature and density		
09:15	welcome		
09:30	Ultrashort fs-scale electron bunch production and characterization(L Serafini(INFN-Frascati,Italy))		
10:00	X-ray imaging and spectroscopy of laboratory plasmas (L. Gizzi(Univ Pisa Italy))		
10.30-11.00	coffee+registration		
11:00	Meas Te and Dens in magnetic confinement fusion plasmas (V Udintsev(ITER IO))		
11:30	Measurements Te and Dens in inertial confinement fusion plasmas (D Batani(Univ Milano Bicocca))		
12:00	meas of particle density and velocity distribution function by Collective Thomson Scattering (Korsholm (Riso Lab NL))		
12:30	X ray detection by GEM(Murtas (INFN,Italy))		
13:00	Multi-GeV Electron spectrometer (Faccini Roma I Univ)		
13:30	end of morning session		
13.30-14.30	lunch		
afternoon	session on energy spectrum of particles		
14:30	fast particle measurements and apparatus for next generation fusion devices (V Kiptily (JET,UK))		
15:00	diagnostics of high energy beam particle accelerators (Baglin (CERN,CH))		
15:30	The instrument PAMELA for Antimatter and Dark matter search in Space(Picozza, Univ Milano)		
16.00-16.45	coffee+poster session(*)+registration		
16:45	Neutron emission spectroscopy in fusion energy research(J Eriksson(VR Uppsala,Sweden))		
17:15	particle energy spectrum in laser fusion(Neely(UKAEA UK))		
17:45	neutron spectroscopy and imaging (G Gorini(Univ Milano Bicocca Italy))		
18:15	discussion		
18:30	end of afternoon session		
20:00	social dinner Ristorante Cacciani Frascati		

26 november			
morning	session on spectroscopy		
08:30	Introduction to spectroscopy	A Michette(Univ London,UK)	
09:00	EUV-XUV spectroscopic instrumentation	P Nicolosi	
09:30	spectroscopy of gamma rays(A Boston)		
10:00	Spectroscopy of fusion plasmas(J Rice)		
10.30-11.00	coffee		
11:00	atomic physics databases(H Summers(UK))		
11:30	X-ray spectroscopy in astrophysics (Piro,Italy)		
12:00	different applications of multilayer optics (Wang (Univ Shanghai,CN))		
12:25	EUV Multilayer coated mirrors(M Pelizzo,I)		
12:50	Non-thermal CXRS (M v Hellermann, Ge)		
13:30	end of morning session		
13.30-14.30	lunch		
afternoon	session on data mining		
14:30	Mining knowledge of astrophysical massive datasets(Longo (univ Napoli,Italy))		
15:00	review of analysis of large DB in HEP (R Brun(CERN,CH))		
15:30	review of analysis of JET fusion data (A Murari(RFX , Italy))		
16.00-16.45	coffee+poster session(*)+registration		
16:45	LUSTRE at CEA/DAT(S Thiel,CEA,Fr)		
17:15	large DB on the GRID(F Furano(INFN,Italy))		
17:45	Data preservation and Long Term accessibility (H Neal, Univ California(USA))		
18:15	discussion		
18:30	end of afternoon session		
24 nov 14-20 hrs	satellite meeting on polarimetry measurements in various fields		

27 november			
morning	session on imaging		
08:30	diagnostic in hadron therapy (W Enghart)		
09:15	imaging in astrophysics	L Studer	
10:00	diagnostics in fusion research(Weller)		
10.30-11.00	coffee		
11:00	Magic-5 CAD (P Cerello)		
11:30	medical imaging with ultrasound(A Ferrario)		
12:00	X-ray imaging (L Tlustos)		

12:45	summary session	
13:30	end of morning session	
13.30-14.30	lunch	

25-nov	evening session on 'new techniques of acceleration'	
18:45	introductory talk by D Giulietti	
19:00	Visit to PLASMONX laboratory	

(*) all posters are placed on boards the 25th nov 2009 morning starting 14.00hrs and they will be there till the morning of 27th nov2009 10.30hrs