

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	plasma oscillations in high brightness beams
10:00	Plasma Diagnostics in Astrophysical Environments
10.30-11.00	coffee+registration
11:00	meas Te and Dens in magnetic confinement fusion
11:30	meas Te and Dens in inertial confinement fusion plasmas meas of particle density and velocity distribution function by Collective Thomson Scattering
12:00	talk6
12:30	discussion
13:00	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
15:00	diagnostics of high energy beam particle accelerators
15:30	observing the the high energy sky
16.00-16.45	coffee+poster session(*)+registration
16:45	meas particle spectrum in HEP
17:15	particle energy spectrum in laser fusion
17:45	neutron spetroscopy and imaging
18:15	discussion
18:30	end of afternoon session
20:00	social dinner Ristorante Cacciani Frascati

26 november	
morning	session on spectroscopy
09:30	general talk
10:00	EUV-XUV spectroscopic technology and instrumentation
10.30-11.00	coffee
11:00	spectroscopy of gamma rays
11:30	Spectroscopy of fusion plasmas
12:00	atomic physics databases
12:30	High Resolution X-ray spectroscopy
13:00	different applications of multilayer optics
13:30	end of morning session
13.30-14.30	lunch
afternoon	session on data mining
14:30	review of analysis of large DB in HEP
15:00	review of analysis of JET fusion data
15:30	Analysis of ITER data
16.00-16.45	coffee+poster session(*)+registration
16:45	HDFS5 and its use in various fields
17:15	large DB on teh GRID
17:45	Data preservation and Long Term accessibility
18:15	discussion
18:30	end of afternoon session

27 november	
morning	session on imaging
08:30	diagnostic in hadron therapy 45min
09:15	imaging in astrophysics 45 min
10:00	diagnostics in fusion research
10.30-11.00	coffee
11:00	X-ray imaging
11:30	medical imaging with ultrasound
12:00	analysis of images in medical research

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

(*) 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