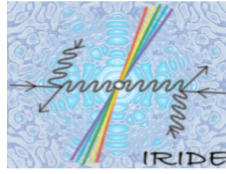


Programma giornate di studio su IRIDE



Giovedì 14 Marzo – Auditorium Touschek – INFN-LNF

10:15 Welcome coffee

11:00 Welcome Address – U. Dosselli (LNF director)

11:15 Plenary session 1 – chair: Dr. U. Dosselli (LNF director)

11:15 IRIDE Overview – M. Ferrario (INFN-LNF)

11:45 Superconducting linac system – P. Pierini (INFN-Mi)

12:15 High energy laser system – L. Serafini (INFN-Mi)

13:00 Lunch break

14:00 Plenary session 2 – chair: Dr.ssa. R. Fantoni (ENEA-Frascati)

14:00 Electron-positron and electron-electron colliders - D. Babusci (INFN-LNF)

14:20 Electron-gamma collider – G. Venanzoni (INFN-LNF)

14:40 Photon-photon collider - E. Milotti (Uni. Trieste & INFN-Ts)

15:00 Free electron laser sources – G. Dattoli (ENEA-Frascati)

15:20 Free electron laser scientific case – M. Benfatto (INFN-LNF)

15:40 Detectors for free electron lasers – A. Castoldi (Politecnico-Mi)

16:00 Coffee break

16:30 Plenary session 3 – chair: Prof.ssa C. Petrillo (Universita' di Perugia)

16:30 Thz source – E. Chiadroni (INFN-LNF)

16:45 Thz source scientific case – S. Lupi (Uni. Roma – La Sapienza)

17:00 Neutron source – P. Valente (INFN-RM1)

17:15 Neutron source scientific case – T. Pietropaolo (ENEA-Frascati)

17:30 Nuclear photonics - G. Colo' (INFN-Mi)

18:00 Advanced accelerator concepts – A. R. Rossi (INFN-Mi)

18:30 END of day 1

Venerdi' 15 Marzo – Auditorium Touschek - LNF

9:15 Plenary session 1 - Auditorium Touschek

9:15 Working group tasks and organization

10:15 Coffee break

10:45 Parallel sessions

Aula Seminari Div Acc.: **WG1 - Electron Machine (SC linac and RF) including:**
- Physics of and with FELs, Detectors,
- THz Source,
- Neutron Source

Aula Conversi: **WG2: Photon Machine (Lasers and Optics) including:**
- Physics of and with Compton Sources, Detectors
- γ - γ and e- γ colliders

Auditorium Touschek: **WG3: Electron-electron and electron-positron colliders**

13:00 Lunch break

14:00 Plenary session 2 – WG Summary and discussion - Auditorium Touschek

14:00 WG1 Summary A. Gallo (INFN-LNF)

14:15 WG2 Summary C. Vaccarezza (INFN-LNF)

14:30 WG3 Summary C. Gatti (INFN-LNF)

14:45 Discussion

16:00 END of day 2