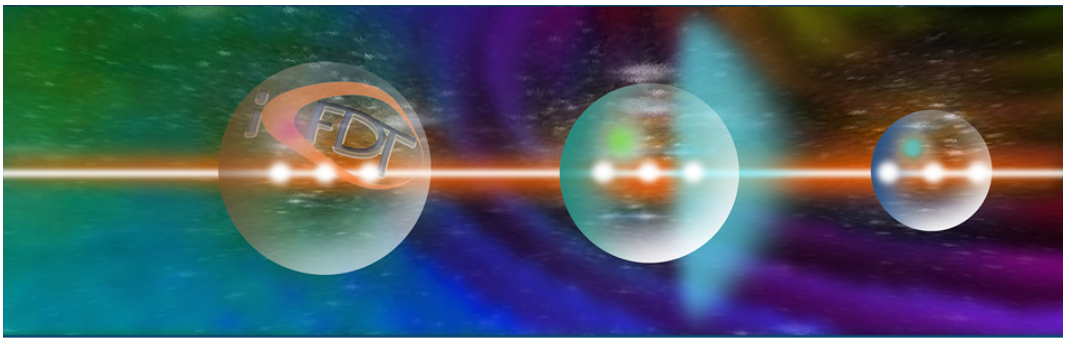
Session Program

Oct 21 – 23, 2024



ICFDT7 - 7th International Conference on Frontier in Diagnostic Technologies

Session of Short Talks

Tue, October 22

4:45 PM

Session of Short Talks: Chair: C. Mazzotta

Session

4:45 – 4:55 PM **Streak camera diagnostic for high-power laser-matter interactions**

Speaker
Jacopo Filardi

4:55 – 5:05 PM

Novel techniques of imaging interferometry analysis to study gas and plasma density for laser-plasma experiments

Speaker
Francesco Filippi

5:05 – 5:15 PM

Gamma radiation in Cultural Heritage preservation: research activities at the Calliope gamma irradiation facility (ENEA Casaccia R.C., Rome, Italy)

Speaker
Beatrice D'Orsi

5:15 – 5:25 PM

Advanced diagnostic techniques for reading the carbonised Herculaneum papyri

Speaker
Sofia Ceccarelli

5:25 – 5:35 PM

Laser based D2O sensing technique for nuclear and biomedical applications

Speaker
Adriana Puiu

5:35 – 5:45 PM

The combination of HotSpot code and MATLAB to simulate radiological dispersions and evaluate solutions to protect the population

Speaker
Andrea Malizia

5:45 – 5:55 PM

ANALYSIS OF THE METHODS FOR HUMAN-INDUCED EVENTS RISK EVALUATION FOR CRITICAL INFRASTRUCTURES LIKE ENERGY PRODUCTION PLANTS BASED ON NUCLEAR REACTIONS

Speaker
Andrea Malizia

5:55 – 6:05 PM

Exploitation of neutron spectroscopy measurements for assessment of DT fusion power without in-vessel calibration

Speaker
Letizia Giulietta Tedoldi

6:05 PM