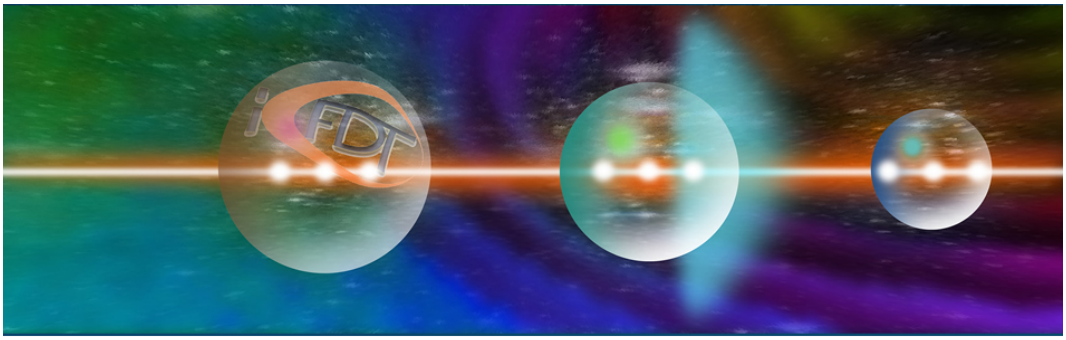
Session Program

Oct 21 – 23, 2024



ICFDT7 - 7th International Conference on Frontier in Diagnostic Technologies

Diagnostic for High Energy Physics and Plasma Acceleration

Tue, October 22

11:55 AM

Diagnostic for High Energy Physics and Plasma Acceleration: Chair: G. Finocchiaro

Session

11:55 AM – 12:25 PM **Diagnostic Systems in the Muon g-2 Experiment at Fermilab**

Speaker
Dr Matteo Sorbara

12:25 – 12:55 PM **Precision measurements in gravitational wave detectors**

Speaker
Prof. Viviana Fafone

12:55 – 1:15 PM **The EuPRAXIA project**

Speaker
Fabio Villa

1:15 PM

2:15 PM

Diagnostic for High Energy Physics and Plasma Acceleration: Chair: G. Finocchiaro

Session

2:15 – 2:35 PM **Diagnostics and control on FCC**

Speaker
Daniele Butti

2:35 – 2:55 PM **Introduction to experiments on plasma acceleration**

Speaker
Alessandro Curcio

2:55 PM

Wed, October 23

11:30 AM

Diagnostic for High Energy Physics and Plasma Acceleration

Session

11:30 – 11:40 AM

Semiconductor-based proton spectrometer for laser-driven sources applications

Speaker
Francesco Gatti

11:40 – 11:50 AM

Advanced Diagnostics for Novel Ceramic Plasma Discharge Capillaries

Speaker
Lucio Crincoli

11:50 AM – 12:00 PM

Diagnostics for plasma acceleration and secondary radiation sources for EuPRAXIA Advanced Photon Source (EuAPS) at FLAME laser facility

Speaker
Federica Stocchi

12:00 – 12:10 PM

Direct detection of particle radiation with perovskite sensors

Speaker
Gemma Maria Tinti

12:10 PM