IRTG Lecture Week 2025

Int'l Research-Training Group
IRTG 2891 "Nuclear Photonics"

TECHNISCHE UNIVERSITÄT DARMSTADT

August 5, 2025 — Lecture Hall, Basement, ULB (S1|20)

Agenda

Nuclear Photonics IRTG 2891

August 5, 2025

9:30	The Nuclear Research at Laboratori Nazionali del Sud	**Giovanni Luca Guardo** INFN - Laboratori Nazionali del Sud
10:30	Nuclear Physics in Astrophysics: An Overview	**Dario Lattuada** Università degli Studi di Enna KORE INFN - Laboratori Nazionali del Sud
11:30	*Lunch break*	
12:30	Nuclear Physics in Astrophysics	**Dario Lattuada**
14:00	*Coffee break*	
14:30	PIC Simulation and Machine Learning in Laser-Induced Experiments	**Alberto Sciuto** INFN - Laboratori Nazionali del Sud
16:30		
18:30	*Dinner*	

August 6, 2025		
9:00	Direct and Indirect Experiments in Nuclear Astrophysics	**Giovanni Luca Guardo**
10:30	*Coffee break*	
11:00	Laser-Induced Experiments in Nuclear Astrophysics	**Dario Lattuada**
12:30	*Lunch break*	
14:30	A Hands-On Experience with PIC and Machine Learning	**Alberto Sciuto**
16:30		