INSPYRE @ LNL (14-18 July 2025)

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-13:00	Sala Ceolin Welcome (C. Curceanu) Questionnaire Ice breaker activity (A. Postiglione) Safety (S. Sartor) BREAK **Guided tour** (A. Gozzelino)	**Session A** Lab 1: Group alpha Lab 2: Group beta Lab 3: Group gamma Lab 4: Group neutrons	**Session C** Lab 1: Group neutrons Lab 2: Group alpha Lab 3: Group beta Lab 4: Group gamma	**Lessons** **in sala Ceolin** Virtual Tour Lab (L. Pranovi) BREAK Nuclear physics application to medicine (S. Pirrone)	**Lessons** **in sala Ceolin** Nuclear physics application to energy (E. Ripani) Computing (D. Cesini) BREAK Questionnaire and certifications and greetings
13.10-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-18.00	**Lessons** **in sala Ceolin** Introduction to accelerators (A. Palmieri) Discussions till 4 pm	**Session B** Lab 1: Group beta Lab 2: Group gamma Lab 3: Group neutrons Lab 4: Group alpha	**Session D** Lab 1: Group gamma Lab 2: Group neutrons Lab 3: Group alpha Lab 4: Group beta	**Lessons** **in sala Ceolin** Structure and dynamics of nuclear reactions with radioactive beams (G. Casini) Micro dosimetry (A. Bianchi) SxT: Card Game (A. Gozzelino) **Social aperitif** (6 pm - 8 pm)	**Free**

Lab 1: Environment radioactivity by Fabio Mantovani (INFN Ferrara)

Lab 2: Rutherford Backscattering at CN accelerator (material science) by Valentino Rigato (INFN LNL)

Lab 3: Particle Induced X Ray Emission at AN2000 accelerator (nuclear physics applied to cultural heritage) by Andrea Gozzelino (INFN LNL)

Lab 4: Silicon photomultiplier, electronics and spectra by Carlo Roncolato (INFN LNL)

Replacement: gamma spectroscopy with AGATA data (data analysis)

Replacement: alpha sources and matter (data analysis)