

(more information by clicking on the PhD subject)

speciality	N°Réf.	Subject	keywords	ED	Thesis supervisor	Filled
Accelerator Physics	67559	Investigation of Nonlinear Effects in a Dual-Wavelength High-Finesse Optical Cavity	Non-linear optics, High-Finesse cavity, Dual-Wavelength	PHENIICS	DUPRAZ Kevin	
Accelerator Physics	68281	A positron line for physics at Ce+BAF	Positron production, Beam optics, Beam dynamics, Polarimetry	PHENIICS	VOUTIER Eric	
Astroparticle Science and Cosmology	68540	MAD-SF: Multi-Wavelength Alert-Driven CTAO Observations of Seyfert Galaxies with FINK	Astronomie gamma, Astronomie en domaine temporel, Alertes multi-longueurs d'ondes, Suivi multi-messagers	PHENIICS	BITEAU Jonathan	
Nuclear Physics	68059	Studies of baryon resonances to explore the dynamics of heavy ion collisions at energies of a few GeV/nucleon de quelques GeV avec des résonances baryoniques	data analysis, hadronic matter, baryon resonances, simulations	PHENIICS	RAMSTEIN Béatrice	

Nuclear Physics	68366	Study of the partonic structure of the deuteron with CLAS2 at JLab and ePIC at EIC	Hadron physics, Quantum chromodynamics, Particle detectors, Electron scattering	PHENIICS	NICCOLAI Silvia
Nuclear Physics	68549	Partonic structure of the nucleon	Parton distributions, Deeply virtual Compton scattering, Double deeply virtual Compton scattering, Artificial intelligence	PHENIICS	VOUTIER Eric
Physics for Instrumentation	68586	Development of an EBIT (Electron Beam Ion Trap) for the study of nuclear decay in highly charged ions	ion trap, charge breeding	PHENIICS	NAIMI Sarah
Particule Physics	67915	Double charm production measurements with ALICE at the LHC	charm , QCD, multiple parton interactions, heavy-ion collisions, LHC, ALICE	PHENIICS	CONESA DEL VALLE Zaida
Particule Physics	68059	Study of the pair production of the Higgs boson in ATLAS	Higgs, ATLAS, Higgs pair production	PHENIICS	DI GREGORIO Giulia

Particule Physics	68361	Studies of the internal structure of nucleons and nuclei at the future Electron-Ion Collider (EIC) and characterization of new electronic chips for reading pixelated '4D-tracking' sensors of the AC-LGAD type.	QCD, Collider	PHENIICS	DUPRE Raphael
Particule Physics	68388	Study of vector boson scattering in the semi-leptonic channel with the ATLAS experiment	Weak interaction, Machine learning, Effective field theory, Gauge bosons, LHC, ATLAS	PHENIICS	MAKOVEC Nikola
Particule Physics	68582	Search for the neutrinoless double beta decay with the SuperNEMO demonstrator	neutrinos, Majorana, leptogenesis, mass	PHENIICS	SIMARD Laurent
