

Title	Period/Length	Supervisor	Team/Service	Pole	See more
Test and characterisation of the ATLAS high-granularity timing detector modules for the high-luminosity LHC	6 weeks to 12 weeks	Luca Cadamuro	ATLAS	PHE	see
Study of the (Brout-Englert-) Higgs boson in the diphoton channel and calibration of the ATLAS electromagnetic calorimeter	All periods of 2022	Marc Escalier / Louis Fayard	ATLAS	PHE	see
Studies related to the measurement of the W mass with the ATLAS experiment	All periods of 2022	Zhiqing Zhang / Louis Fayard	ATLAS	PHE	see
Study of the pair production of (Brout-Englert-) Higgs boson and calibration of the ATLAS electromagnetic calorimeter	All periods of 2022	Marc Escalier / Louis Fayard	ATLAS	PHE	see
Data analysis optimization for the DUNE experiment Closed	~6 weeks May – June 2022 Mai – juin 2022	Thibault Houdy / Yoann Kermaïdic	Neutrinos	PHE	see
Simulation and data analysis for the DUNE experiment Closed	~6 weeks May – June 2022	Thibault Houdy / Yoann Kermaïdic	Neutrinos	PHE	see

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Study of different cell markers in radiobiology using 3D cell culture	2022	Delphine CREPIN/Consuelo Guardiola	Experimental Biology Department	Health	see

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Derivation of mean field potentials in nuclear physics and possible extension to relativistic case Closed	At least 6 weeks (between April and August 2022)	Mercier Florian	PhyNet	Nuclear Phys./theory	see
Two-species bosonic universal mixtures Closed	From 6 weeks to 3 months - (Dates to be agreed)	Lorenzo Contessi		Nuclear Phys./theory	see