Institut de physique nucléaire d’orsay. The Research Division of the IPNO is the leading experimental and theoretical fundamental research in nuclear physics. And the ALICE team in The High Energy Physics group is dedicated to the quark-gluon plasma. Within the ALICE team, Orsay IPN laboratory allotted itself in the construction and operation of the muon spectrometer, a subsystem of ALICE for the study of charm and beauty quark production.

In case to have better understanding of the characteristic of the Quark-Gluon Plasma and the Quantum chromodynamics. The production of the double J/Psi from the Pb-Pb collision of 2015 data in ALICE is interesting for obtaining the needed properties. The main mission of the trainee will be the extraction of the number of double J/Psi from the detectors data and compare to the other papers and the theoretical calculation. By fitting the J/Psi’s invariant mass, it’s possible to extract the number of J/Psi produced by Pb-Pb collision. And by overlapping the two dimuons result, the number of the double J/Psi could be extracted.