

MATHIEU GUIGUE

Born on December 14th, 1989 in Orange, France ◊ French citizenship
mathieu.guigue@lpnhe.in2p3.fr ◊ +33(0)144274735

PROFESSIONAL CAREER AND EDUCATION

Associate Professor	<i>Sorbonne Université, LPNHE</i>	since 2018
Postdoctoral Research Associate	<i>PNNL & University of Washington</i>	2016–2018
PhD and Teaching Assistantship	<i>Université Joseph Fourier, Phelma, LPSC</i>	2012–2015

RESEARCH THEMES AND ACTIVITIES

Long-baseline oscillation experiments T2K and HyperK (reconstruction, oscillation analyses, atomic clocks), low-energy experimental physics (ultra-cold neutrons and atomic physics), data analysis, and phenomenology.

Co-supervision of 2 PhD theses and 5 Bachelor/Master internships

Supervision of 2 postdoctoral researchers

Participation in two PhD defense committees

TEACHING ACTIVITIES

Nuclear physics (experimental and nuclear engineering since 2018, neutron physics since 2019), data analysis (Head of Course Unit since 2020).

SCIENTIFIC RESPONSIBILITIES

Convener, ND280/T2K Software Working Group	since 2024
Convener, “P-Theta” Working Group (T2K/HyperK oscillation analyses)	since 2021
Convener, HyperK Computing Working Group	since 2021
Principal Investigator, “ANR” project (BERTHA)	2021-2026
Convener, ND280 Simulation and Reconstruction Working Group	2019 – 2023
Principal Investigator, Sorbonne Université Emergence project (MULTIPLY)	2019 – 2021
Analysis Coordinator for the Project 8 experiment	2016 – 2019
Run Coordinator for the Project 8 experiment	2016 – 2018

COLLECTIVE RESPONSIBILITIES

Elected Member, Scientific Council of the Physics Department, Sorbonne Université	since 2024
Elected Member, Physics Department Board, Sorbonne Université	since 2022
Member, IATSS Commission of the Physics Department, Sorbonne Université	since 2022
Elected Member, LPNHE Laboratory Council (CHLCT)	since 2021
Elected Member, Grenoble Doctoral School of Physics	2012 – 2015

SCIENTIFIC OUTREACH AND EVENTS

Organizing Committee, CP2023, Les Houches	February 12-17, 2023
Local Organizing Committee, École de Gif 2022: Neutrinos	September 5-9, 2022
Organization of LPNHE seminars	2019 – 2022