



Kraków, Poland, 01/08/2025

Certificate of Attendance

Mr Caden Phillips, student of **University of Liverpool**, took part in the *IFJ PAN Particle Physics Summer Student Programme 2025 (PPSS 2025)* organized by The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN) from July, 7th to August, 1st 2025.

Programme was addressed to students of second or higher year of physics and similar fields from Poland and abroad. The first week of Programme consisted of a series of lectures and classes about the basics of particle physics, research methodology and statistical data analysis. Next three weeks were devoted to individual research projects. During the project participants collaborated in small groups under the supervision of tutors. Results were presented during the mini-conference held on the last day of the Programme. Materials can be found on the webpage ppss.ifj.edu.pl.

Mr Caden Phillips together with Ms Yaiza Cano (Universidad Complutense de Madrid) worked on a project entitled ***Physical Inputs for Simulations of Gravitational Wave Emissions from Compact Stars within the Einstein Telescope Detection Range*** under the supervision of **dr hab. David Alvarez** (Department of Cosmic Ray Research and Neutrino Studies IFJ PAN). Student engagement during the programme was equivalent to 160 working hours.

on behalf of PPSS 2025 Organizing Committee
Dominik Derendarz, Ph.D.

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