Letter of Commitment

Dear Dr. Vellidis,

I would like to express our full support to the Scalable Efficient Algorithms for High-Energy Physics (SEAHEP) project, which will provide a framework for training early-stage researchers on the advanced statistical learning and novel computing techniques needed for the analysis of large and complex multidimensional data samples, such as those acquired in the European Research Organisation for particle physics (CERN) experiments.

At TWave we are interested in joining the SEAHEP programme and collaborate with your network. We can offer the early-stage researchers our expertise in the technologies and tools related with our business activity, which is the development of highly integrated instrumentation equipment.

One of the work packages of your programme is aimed to the use of Machine Learning algorithms for full event reconstruction and imaging in particle physics and in industrial applications. This matches our R&D roadmap, as we are interested in ML applications on signal classification and fault detection.

We would be pleased to host two trainees from your network in our offices in Llanera, Asturias. This secondment will preferably take place in 2 periods, one trainee at a time. The evolution of the trainees’ research will be supervised by our personnel during the time they’ll be working in our office.

Best regards,

Juan Menéndez Blanco
Chief Technical Officer