As part of driving the BSC/UPC NVIDIA GPU Center of Excellence, we provide GPU Computing optimization/development services to the BSC community. We are involved in developing/optimizing GPU acceleration in a variety of projects from different departments at BSC.

**Summary**

Right now, we are involved in developing/optimizing GPU acceleration for the following applications:

- ALYA Multiphysics
- PELE
- Human Brain Project
- CaixaBank - Cognitive Computing Application to Financial Innovation
- Barcelona Subsurface Imaging Tools (Repsol-BSC Research Center)
- OmpSs runtime system

**Objectives**

To provide GPU Computing optimization/development services to the BSC community.