CUDA and OpenACC Training
BSC, in association with Universitat Politècnica de Catalunya (UPC) was designated by NVIDIA as a GPU Center of Excellence (GCOE) in 2011 in recognition of their role as leading institutions at the forefront of parallel computing research. Together, BSC and UPC have built an Education Programme on Parallel Programming using CUDA and OpenACC in order to facilitate the use of GPUs for general-purpose computing. The programme includes a hands-on session on GPU-based parallel algorithm design to build a cluster prototype system to explore the potential of low-power GPU clusters as High Performance Computing platforms.