

Maria Girone (CERN OpenLab)

Maria Girone graduated from the University of Bari, Italy. She was awarded her Ph.D. in high-energy physics in 1994. Maria became a research fellow with the ALEPH experiment performing analysis and serving as accelerator liaison. Later, Maria developed detector hardware for the LHCb experiment as a research associate at Imperial College London. In 2002, Maria joined the IT Department as an applied scientist and CERN staff member. In 2004, Maria was appointed as coordinator of the Oracle database services for the LHC experiments. In 2009, she was appointed deputy group leader of the CERN IT Experiment Support group. In 2012, Maria became the founding chair of the WLCG Operations Coordination team, responsible for the core operations and commissioning of new services in the WLCG. In 2014, she was appointed the Computing Coordinator for the CMS Experiment at CERN for two years. As coordinator, Maria was responsible for 70 computing centres on five continents and more than 100 FTE of effort yearly to archive, simulate, process and serve petabytes of data. In 2016, Maria joined the management team of CERN openlab, taking over the position of CTO as of January 2016. In her role as CTO, Maria is managing the overall technical strategy of CERN openlab plans towards R&D in computing architectures, HPC and AI, in collaboration with the LHC experiments for the upgrade programs for software and computing, promoting opportunities for collaboration with industry.

