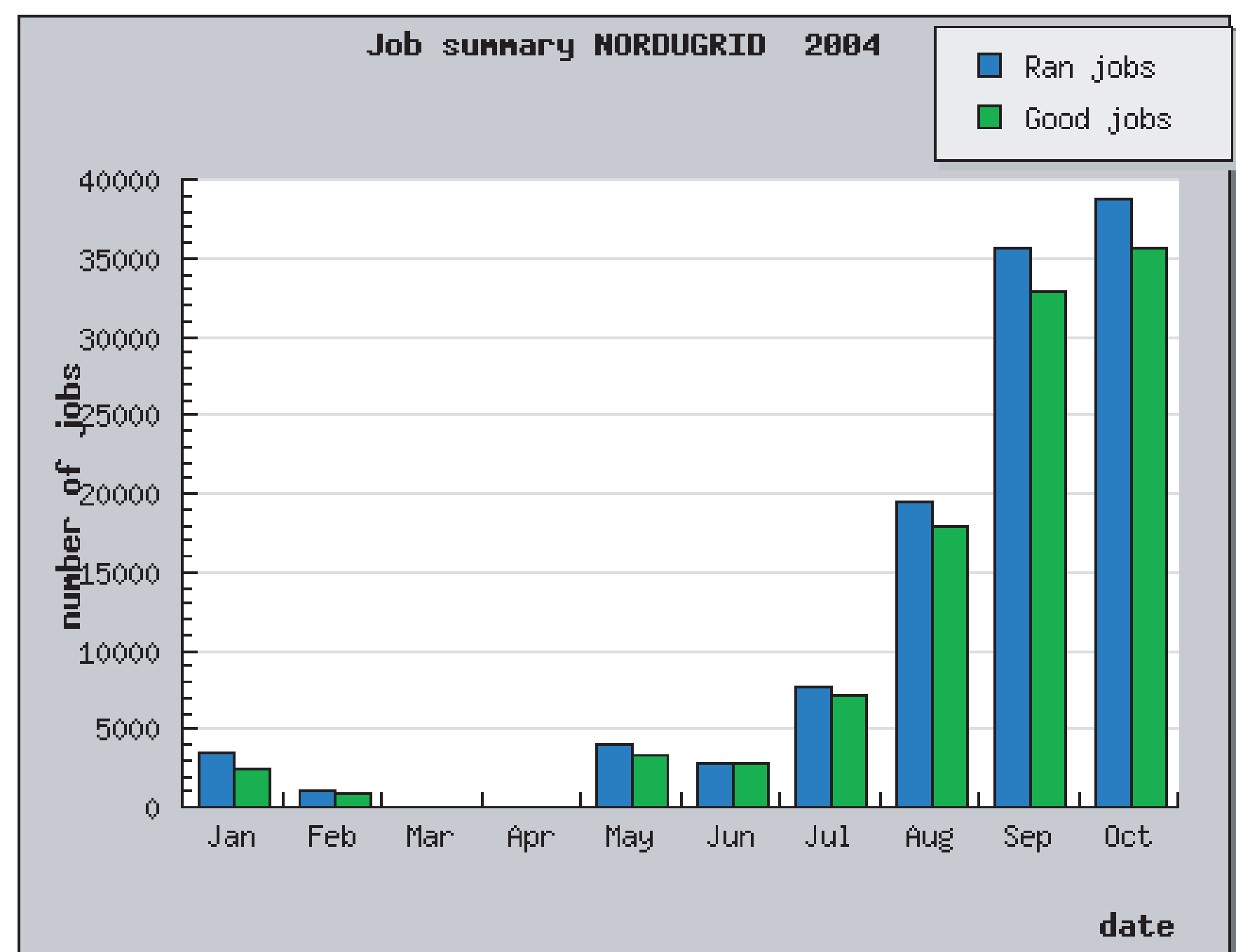
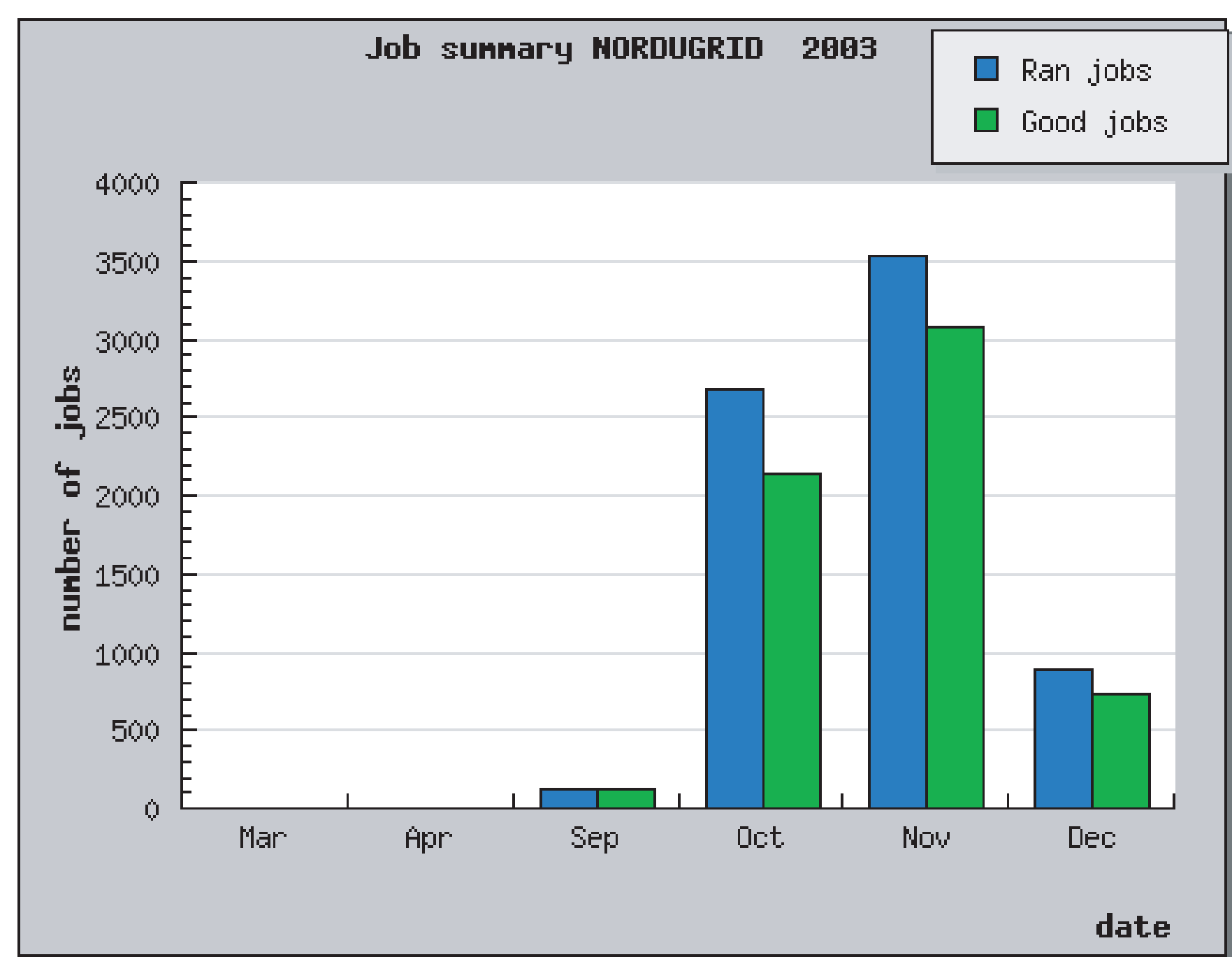


Applications @ ARC Grid



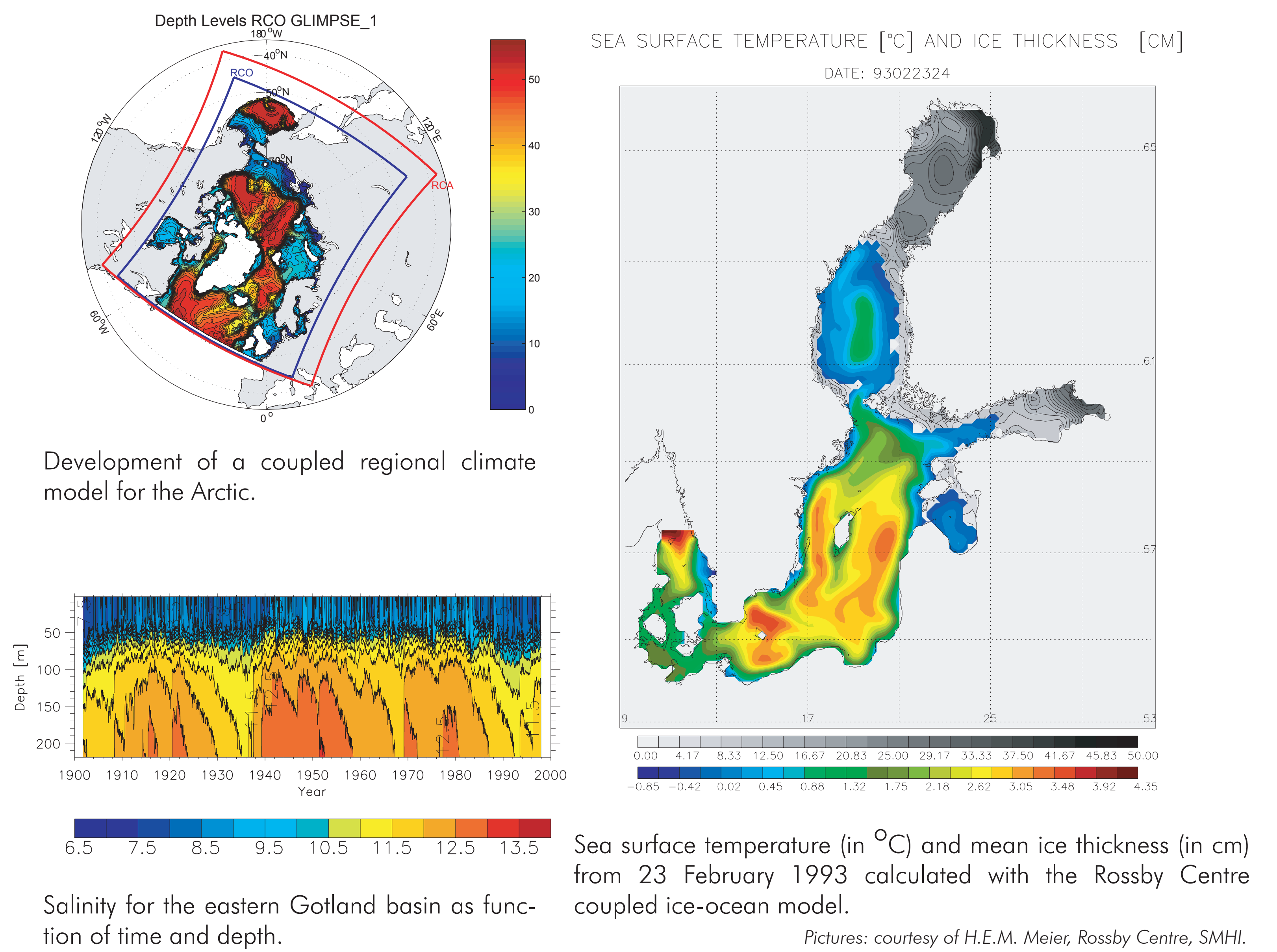
ARC helps national and cross-national projects and collaborations to create environments for distributed multidisciplinary applications. The primary user groups are scientists, academic researchers and students. A variety of applications, ranging from climate studies to high energy physics, benefit from the computational power that becomes available via ARC-connected resources.

Growing number of users

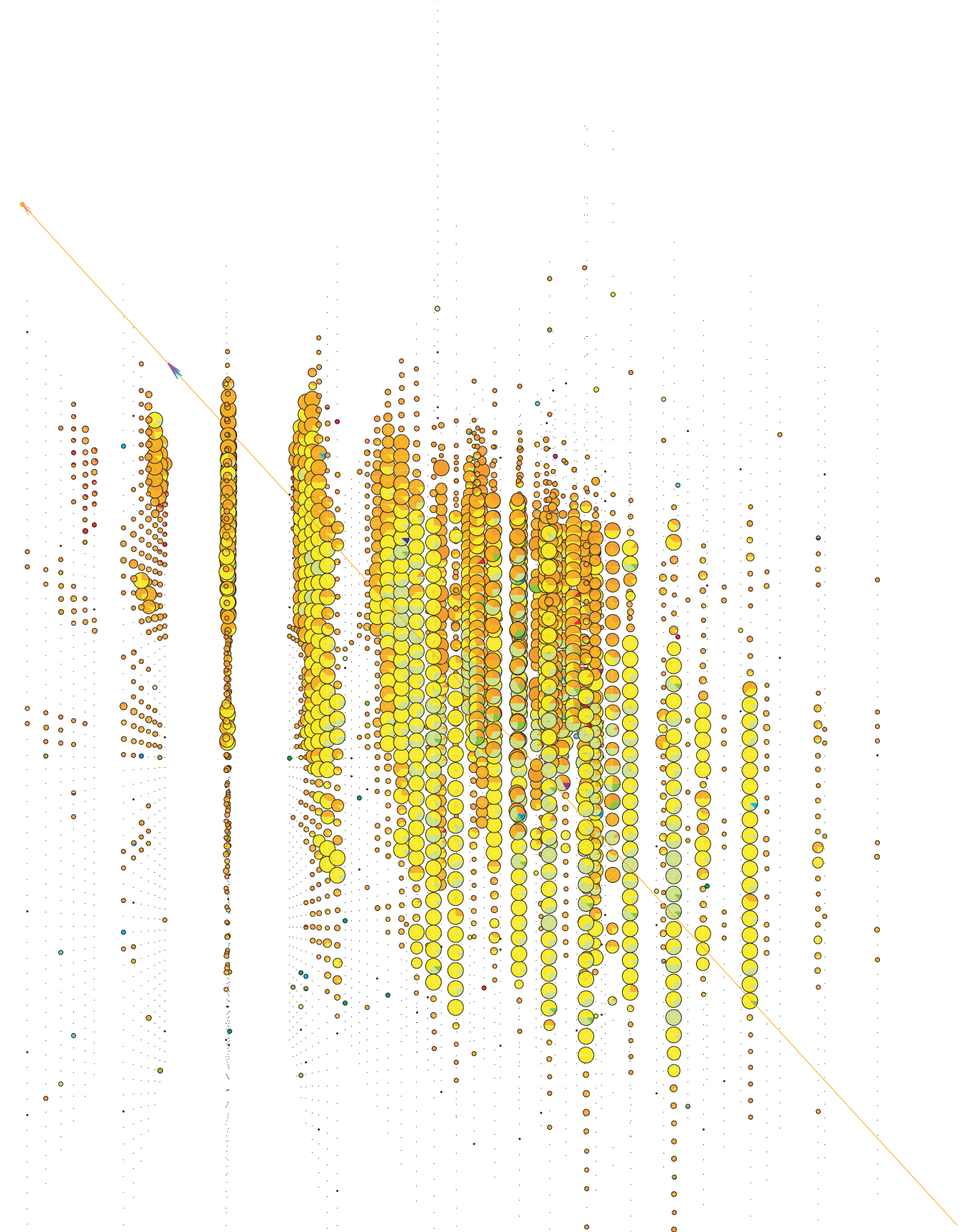


Pictures from the NorduGrid Logger Interface. The Logger was launched in September 2003 and was running in experimental mode until May 2004.

Regional climate analysis and modelling (SWEGRID)



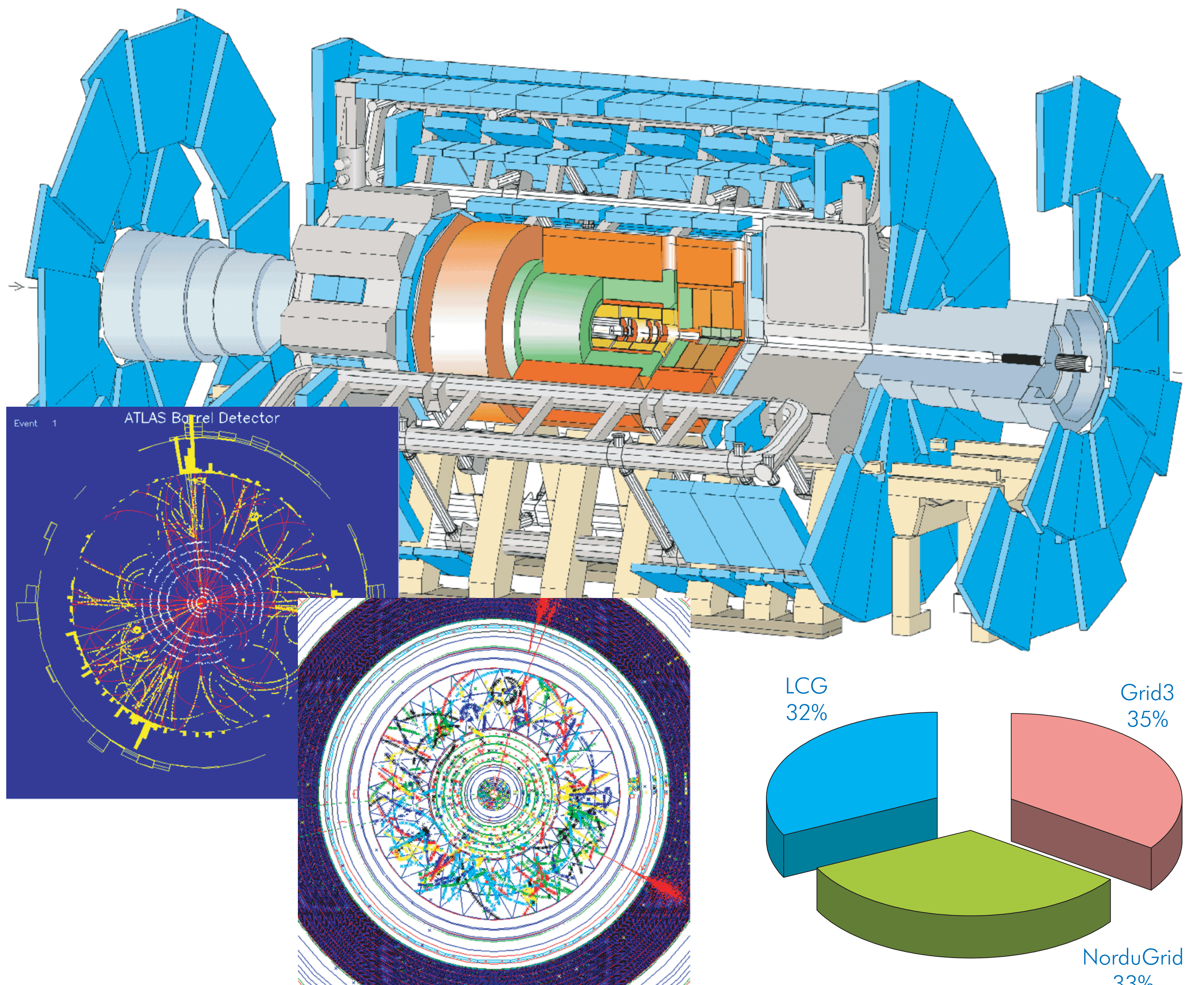
IceCube detector simulation (SWEGRID)



Simulation of a 20 EeV neutrino induced muon passing the IceCube detector.

Picture: courtesy of S. Hundermark, IceCube experiment.

ATLAS Data Challenges



ATLAS detector and images of proton-proton collision simulation at 14 TeV.

Pictures: courtesy of ATLAS collaboration and P.Nevski.