

The High Powered Computing (HPC) needs of high-energy physics and astronomy are well known. Similar needs are emerging in the realm of digital culture. Paintings are now being scanned at up to 30 Gigabytes per image. Books are being scanned at up to a half terabyte per book. Reconstructions of archaeological sites and historical cities entail up to 5 terabytes of information. Major museums, libraries, archives, research institutes and other collections have literally hundreds of terabytes which they cannot share without direct access to GÉANT-level networks. This lecture reviews developments and the need for networked Virtual Heritage Centres (VHC).