SPIN Equipments – Computation

	Name	Picture	Description	Site	Responsible
			Computation		
	Nanomat	Server Blade HP ProLiant BL280c G6 / BL460c G1	Cluster multiprocessors for advanced computation and high performance made of 38 nodes biprocessors (Intel Xeon with multicore technology, clock from 2.8 to 3.2 GHz), with 8 to 48 GB RAM per node. The overall number of cores and RAM is 200, 624 GB. The nodes are connected with Infiniband to have high speed data transfer.	NA	Cantele

SPIN Equipments – Computation

CLUES	AMD ATHLON MP 2800+	99 biprocessors Athlon 2800+ with Gigabit ethernet, NAS (network attached storage) by 1 Terabyte in RAID5.	NA	Fierro
AQ	AMD Athlon XP2500	6 +6 nodi, AMD Athlon XP2500 processor + Barton 512K (socket A) mother board ASUS A7N8X-VM Nforce2-G GF4Mx Dual DDR ATA 133 Lan or equivalent memory RAM 512MB DDR 400MHz (PC3200) hard disk MATROX DMaxPlus 8/9 40GB U-ATA 133 7.2RPM 2MB or equivalent connection switch fast-ethernet. (Obsolete Architecture and technology)	AQ	Picozzi

SPIN Equipments – Computation

CLUSA	PowerEdge	12 DELL PowerEdge 1950 dual-socket quad-core with overall 184 GB RAM and 1470 GB HD. 1 File Server Supermicro dual-core with technology RAID 10, 4 GB RAM and 12 TB HD		SA	Cuoco
CLUMA		Cluster multiprocessors for advanced computation and high performance made of 17 nodes quadprocessor 6-cores (Intel Xeon with multicore technology, clock 2.66 GHz), with 48 GB RAM per node. It contains one node with integrated technology CPU and GPU with 48 GB and one quadprocessor with 8-cores an d64 GB RAM. The overall number of cores and RAM is 248, 928 GB. The nodes are connected with Infiniband to have high speed data transfer.			