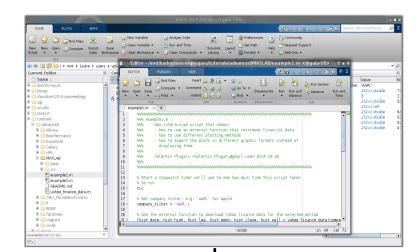
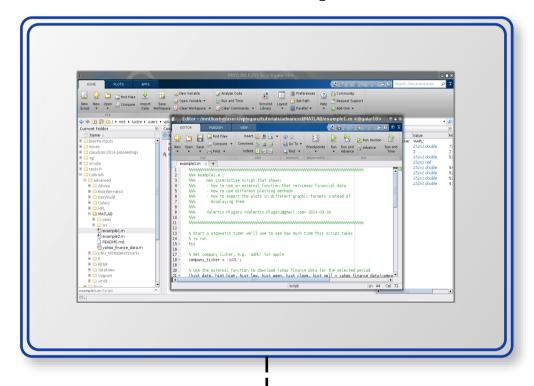
# **Application window**

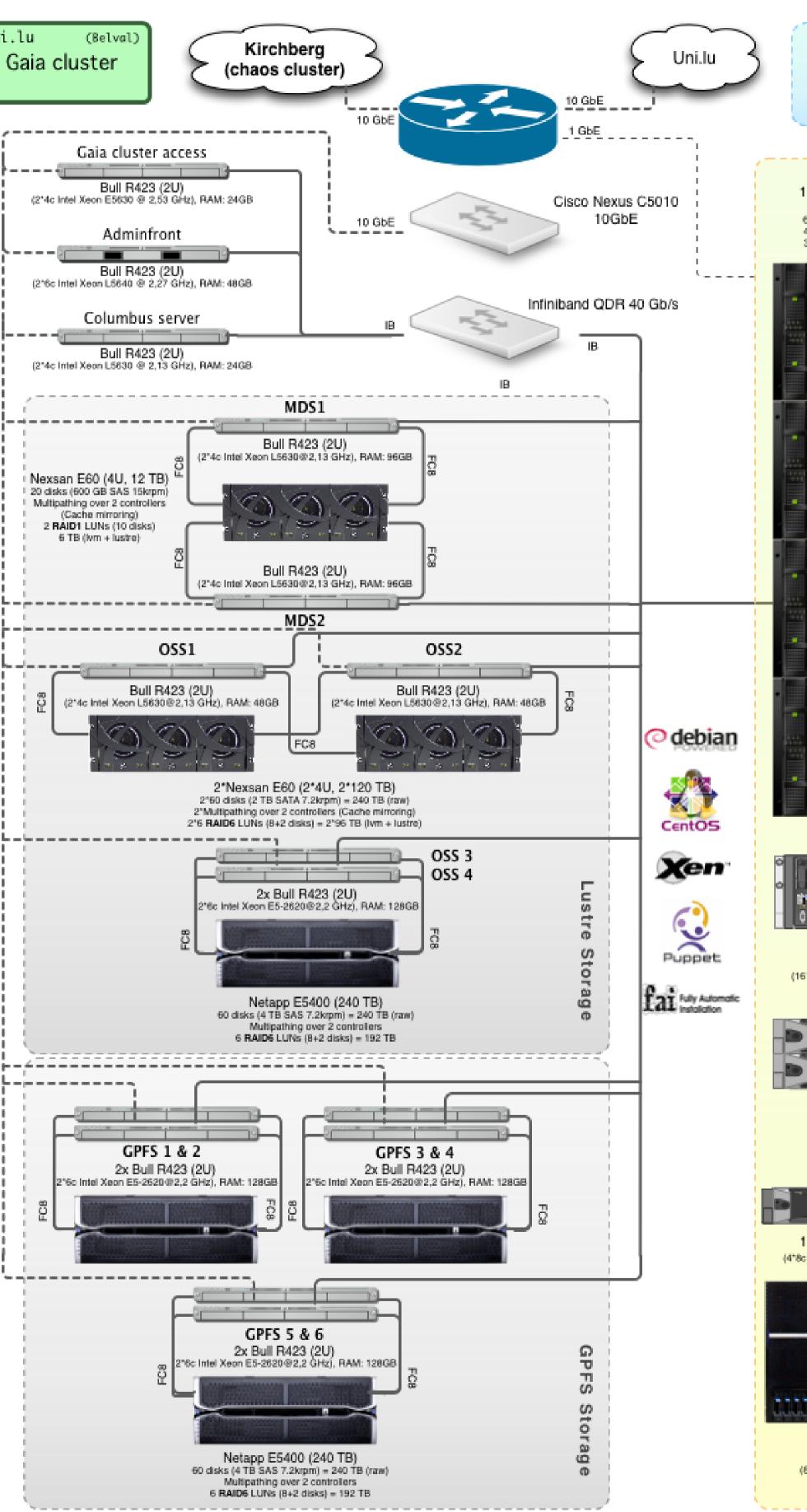


**SSH with X11 forwarding** 

## **Remote desktop window**



**XCS Portal** xcs.uni.lux



### Gaia cluster characteristics

- Computing: 153 nodes, 2280 cores; R<sub>peak</sub> ≈ 26.9 TFlops
- Storage: 720 TB (GPFS) + 480 TB (Lustre) + 884TB (backup)

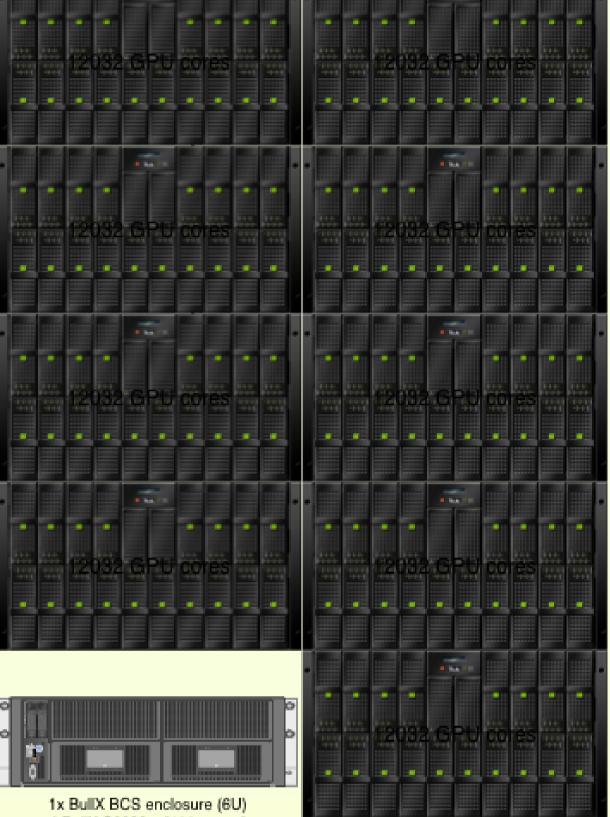
#### 9x Bullx B enclosure (63U) 132 BullX B500 [1584 cores]

60 (2°6c Intel Xeon L5640@2.26GHz) 40 (2°6c Intel Xeon X5670@2.93GHz) 32 (2°6c Intel Xeon X5675@3.07GHz) RAM: 48GB

### 12 BullX B505 [144 cores] 12 (2°6c Intel Xeon L5640@2.26GHz), RAM: 96GB

24 GPGPU Accelerator [12032 GPU cores] 4 Nvidia Testa M2070 [448c]

20 Nvidia Tesla M2090 [512c]



5x Dell R720 (10U) [80 cores] (2°8c Intel Xean E5-2660-9:2.2GHz), RAM: 64 GB

5x GPGPU Accelerator [13440 GPU cores] 5 Nvidia K20m [2688c]



Delta D88x-M8-BI (10U) [120 cores] (8\*15c Intel Xeon E7-8880 v2@2.5GHz)



SGI UV2000 (10U) 8 blades [160 cores] 8 (2\*10c Intel Xeon E5-4656 v2@2.4GHz) RAM: 4TB

4 BullX S6030 [160 cores] (16"10c Intel Xeon E7-4850@2GHz), RAM: 1TB