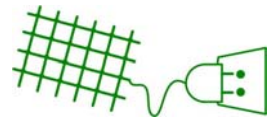


GREEN-NET : Power aware software frameworks for high performance data transport and computing in large scale distributed systems

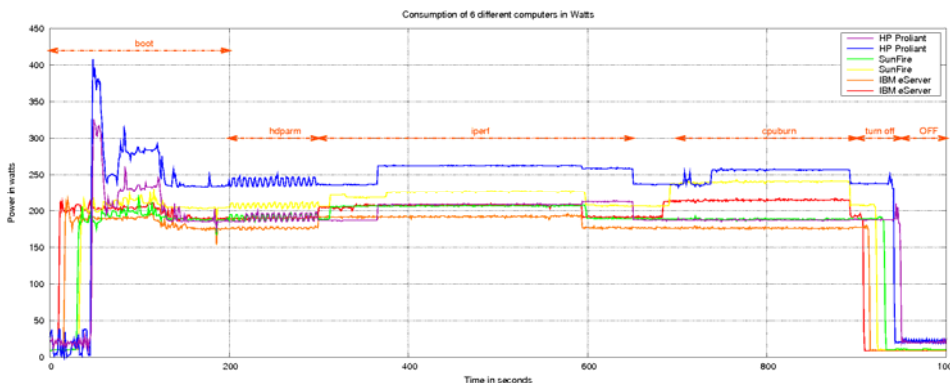
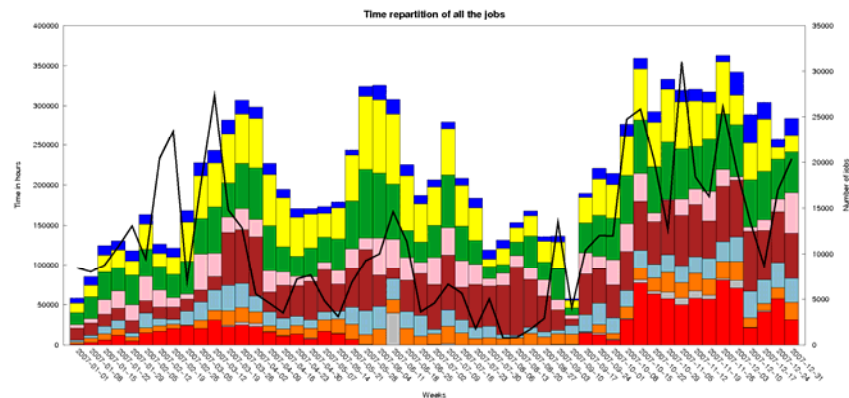
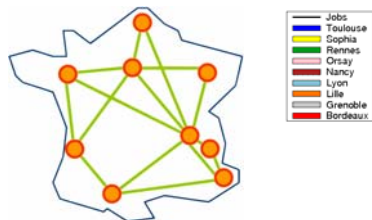
INRIA RESO – INRIA MESCAL – IRIT – Virginia Tech
Laurent Lefèvre, Anne-Cécile Orgerie
laurent.lefevre@inria.fr, anne-cecile.orkerie@inrialpes.fr
<http://www.ens-lyon.fr/LIP/RESO/Projects/GREEN-NET>



Green-Net

Towards energy-aware systems !

- Usage analysis of large-scale distributed systems (Grid5000)



- Understanding energy usage of components



- Proposing On/Off models for energy savings
- Validating models with real grid traces
- Designing trust services for tasks migration
- Schedulers adaptation (OAR)
- Thermal energy envelop studies

