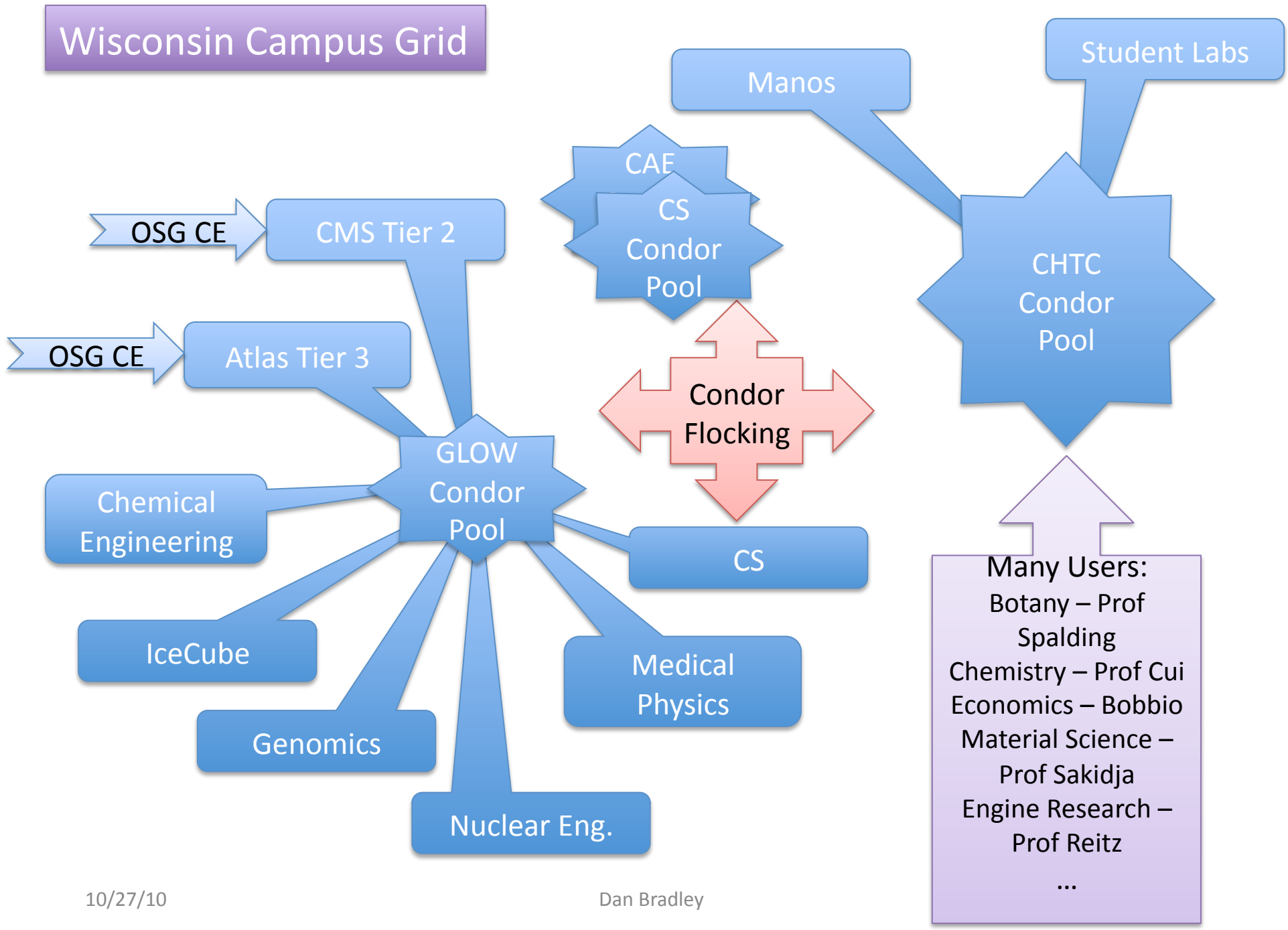


Grid Laboratories of Wisconsin

Presented to the workshop on
campus grids, Fermilab

Wisconsin Campus Grid



Some Numbers

- Total cores: 6600
- Resources owned by specific groups: 50%
- Opportunistic usage on owned machines: 27%
- Unclaimed time in past year (linux): 3%
- Groups using > 1000 hours in past year: 57
- Groups using > 100000 in past year: 29
- Top users by discipline: physics, chemistry, biology, economics, other engineering

Engaging Users

- ~1 FTE technical support
 - big help getting user workflows working
 - DAGMan, matlab, file staging, validation
 - average 1 new group/application per 1-2 weeks
 - periodic checkups (every few months)
- Engagement of PIs and on up
 - different game, Miron, GLOW execs

Incentives for sharing

- Research groups do not pay for power.
- CS (Miron) provides carrots
 - sysadmin, technical support
 - ~50% of resources are not owned - opportunistic