Simulations

LIGO

- **Diversity**
  - ▸ problems
  - ▸ simulation tools
- **Integration**
  - ▸ problems
    - e.g. TCS and control
  - ▸ simulation methods
- **Role Sharing**
  - ▸ user and modeler
  - ▸ different tools
- **Sharing common sense about simulation**
  - ▸ what the simulation is for
  - ▸ what the simulation can do

	America	Europe	Usage
Time domain	e2e	Siesta	Lock acquisition
Frequency domain	Opticle	Finesse	Control system
Stationary	SIS	DarkF MIST OSCAR FOG	Imperfections