

# The Commons and Computational Science

MIT User and Open Innovation Workshop  
August 4-6, 2008

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# Computational Science

## Problems:

- Error control not emphasized
- No uniform standards
- Difficult or impossible to verify or use results

## Solutions:

- Toolboxes as vehicles for reproducible research
- Computational sciences public license
- Realignment of scientist incentives

# Research Agenda

- Characterize the types of problems that lend themselves to reproducible research
- Uncover why contributors reveal research to the commons
- Seed a commons where conditions are right (“infant commons” argument)
- Do citizens engage when the research is reproducible?