

The Heilmeyer Questions

- **WHAT ARE WE TRYING TO DO?**
 - What is the problem? What are you trying to accomplish?
- **HOW DOES THIS GET DONE, AT PRESENT?**
 - Who does it? What are the limitations of the present approaches? Why is it hard?
- **WHAT IS NEW ABOUT OUR APPROACH?**
 - What is the new technical idea? Why do we think we can be successful at this time?
- **IF WE SUCCEED, WHAT DIFFERENCE DO WE THINK IT WILL MAKE?**
 - What is the impact? Provide metrics.
- **HOW LONG DO WE THINK IT WILL TAKE?**
 - How will the program be organized? How will intermediate results be generated? What are our mid term and final exams to see how we are doing?
- **CAN WE TRANSITION?**
 - How could this transition to the end user?
- **HOW MUCH WILL IT COST?**