

QuarkNet!

Having a good time.

Wish you were here.

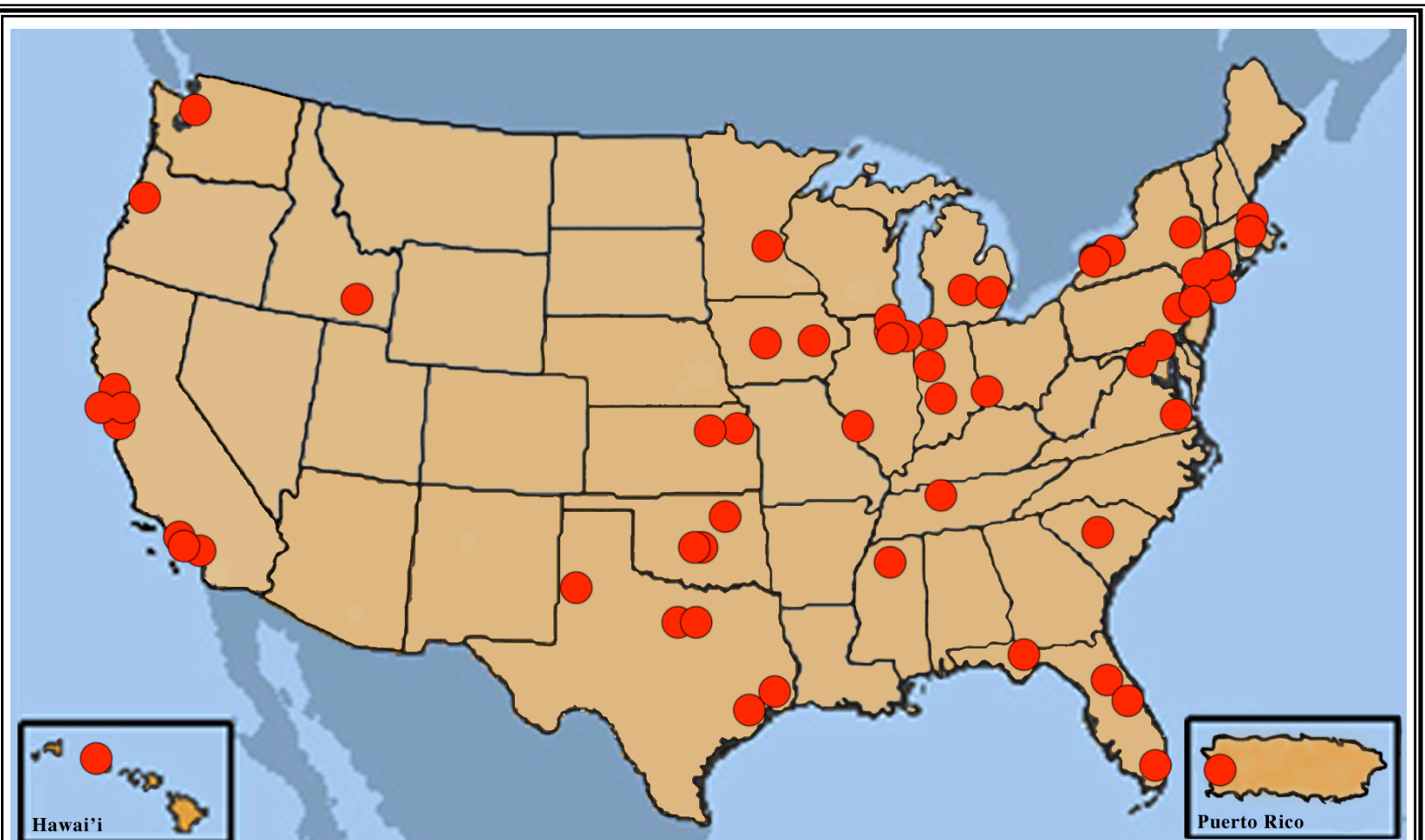
Hanno Adams
Marge Bardeen
Randy Ruchti
Kris Whelan

PRINTED IN THE U.S.A.

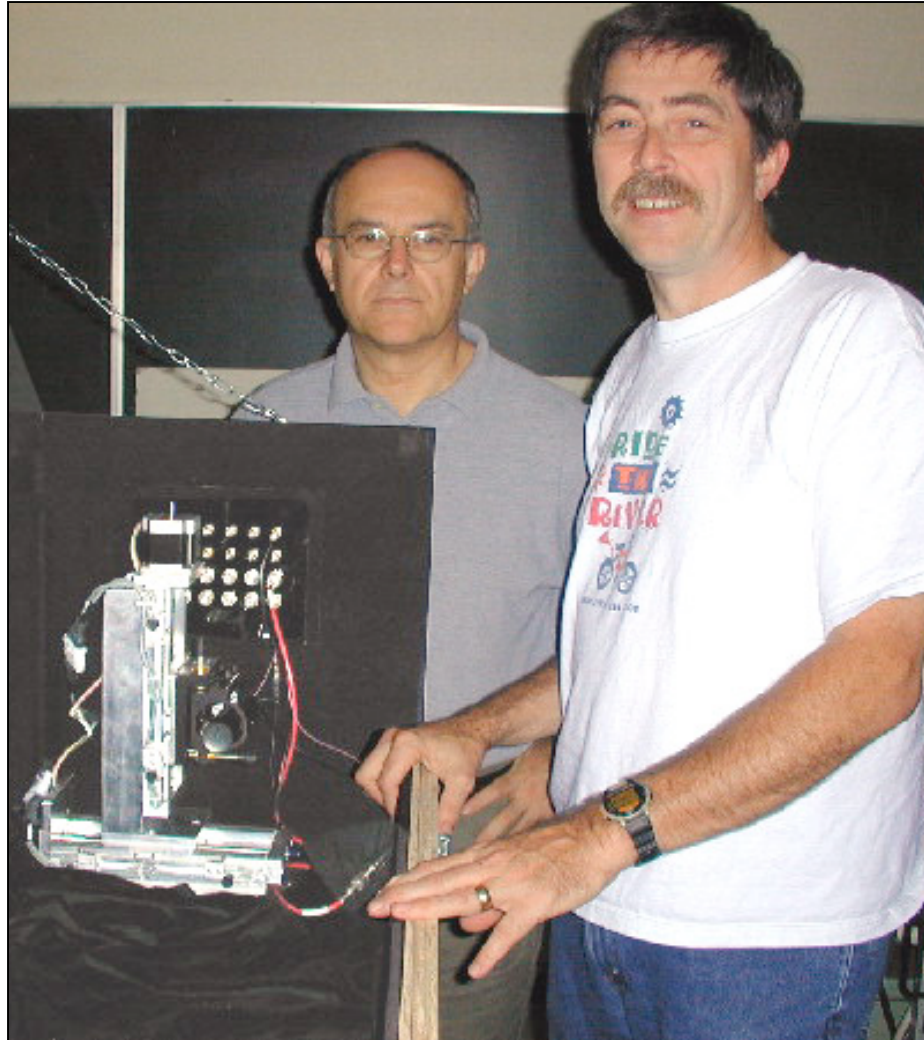


TO:

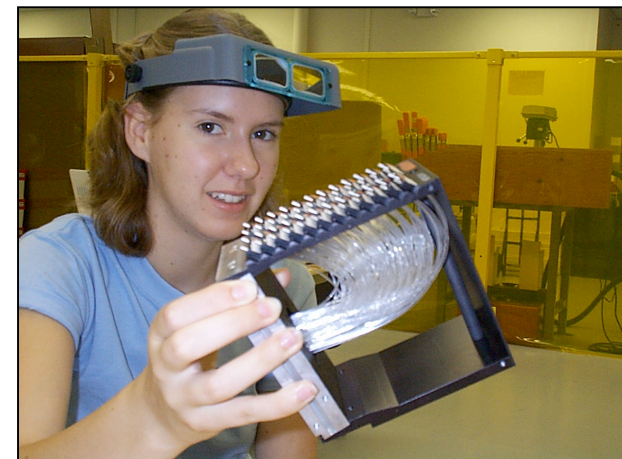
DPF Outreach Sessions
Koko Crater Room
Sheraton Waikiki Hotel
2255 Kalakaua Ave.
Honolulu, HI 96815

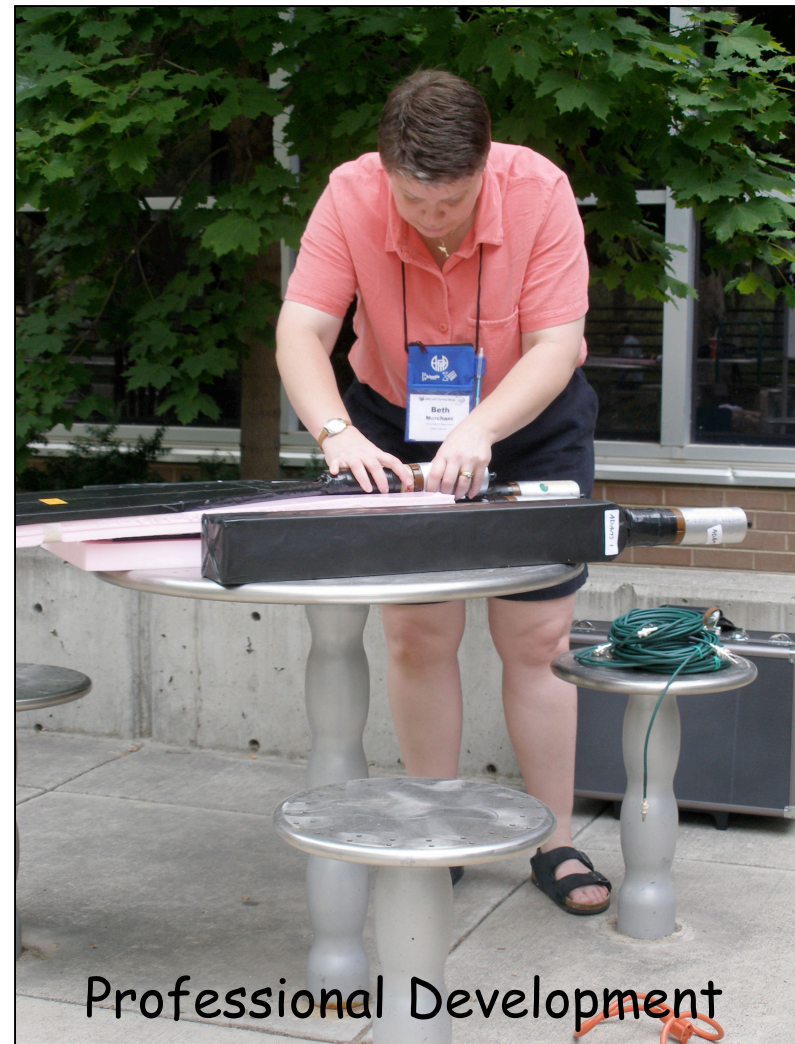


52 Centers, ~500 Teachers, 70 Lead Mentors



Research Experiences

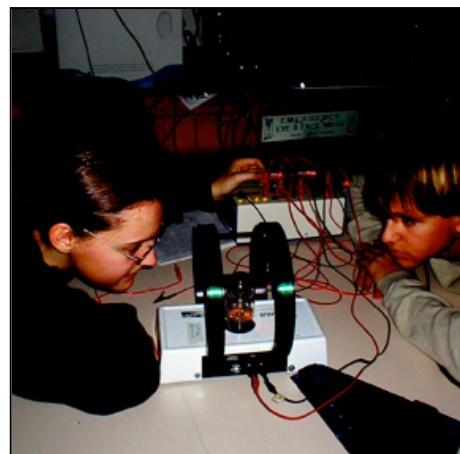
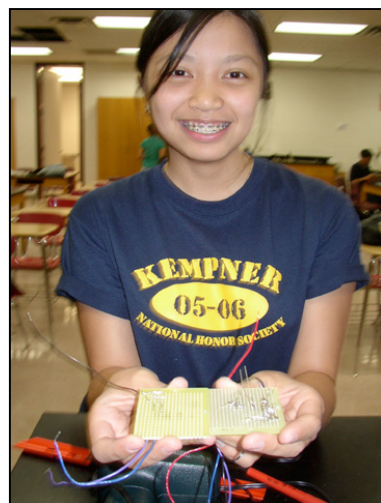




Professional Development



Student Investigations & Masterclasses

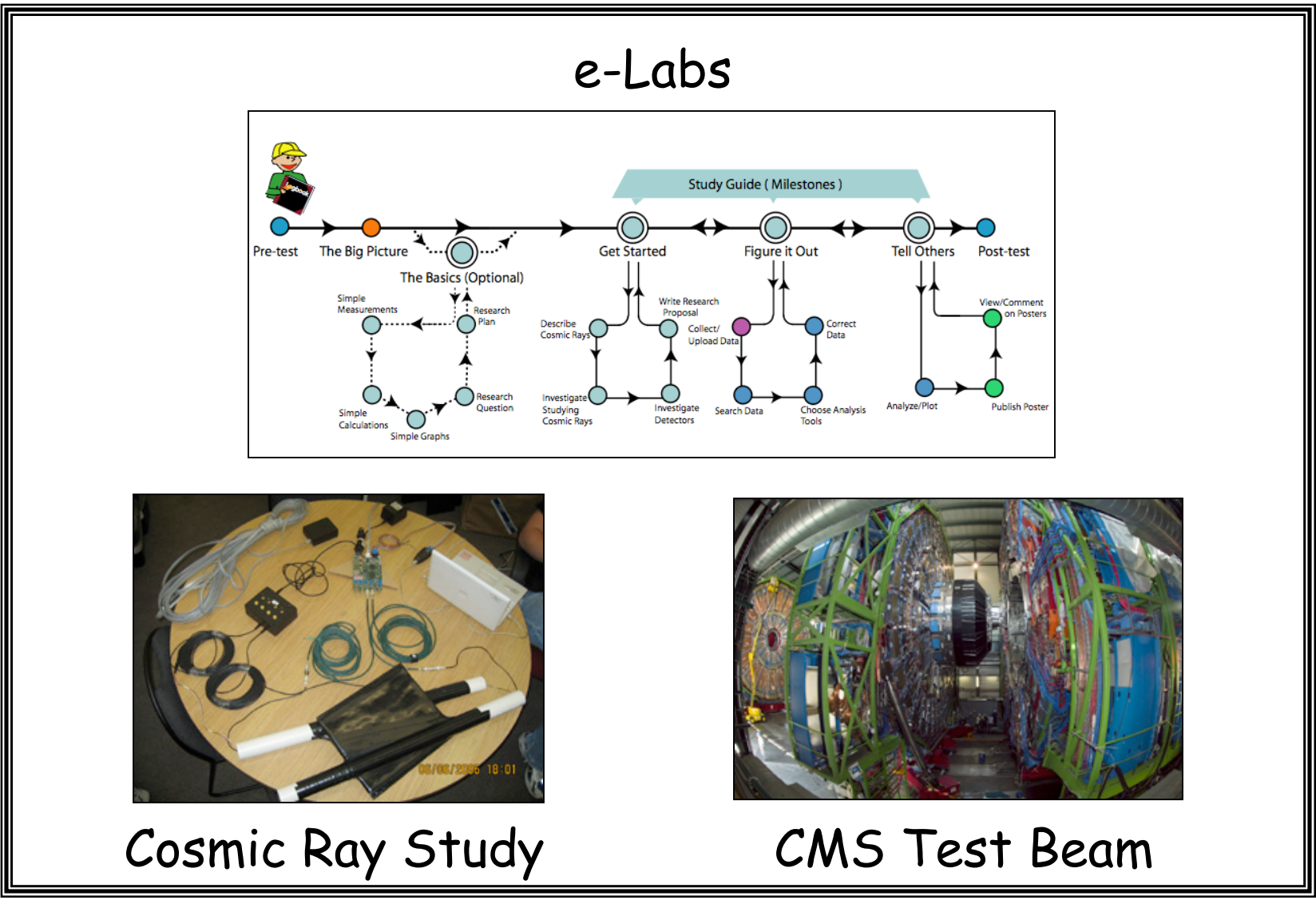
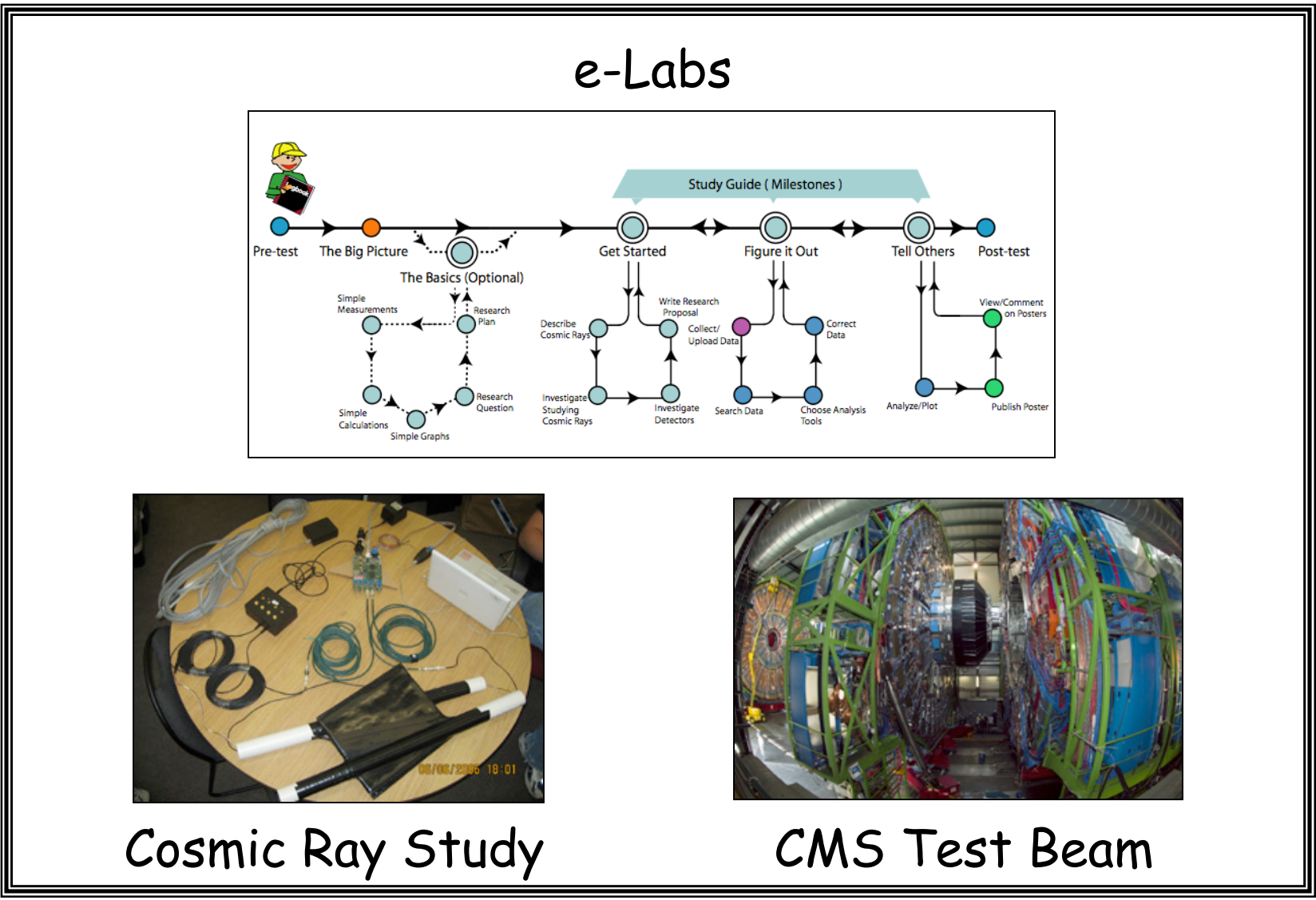


e-Labs

The flowchart illustrates the course structure with milestones and sub-tasks. The main sequence is: Pre-test → The Big Picture → The Basics (Optional) → Get Started → Figure it Out → Tell Others → Post-test. Sub-tasks for 'The Basics (Optional)' include Research Plan, Research Question, Simple Measurements, Simple Calculations, and Simple Graphs. Sub-tasks for 'Get Started' include Describe Cosmic Rays, Investigate Studying Cosmic Rays, Investigate Detectors, and Write Research Proposal. Sub-tasks for 'Figure it Out' include Collect/Upload Data, Search Data, Choose Analysis Tools, and Correct Data. Sub-tasks for 'Tell Others' include Analyze/Plot, View/Comment on Posters, and Publish Poster.

Cosmic Ray Study

CMS Test Beam

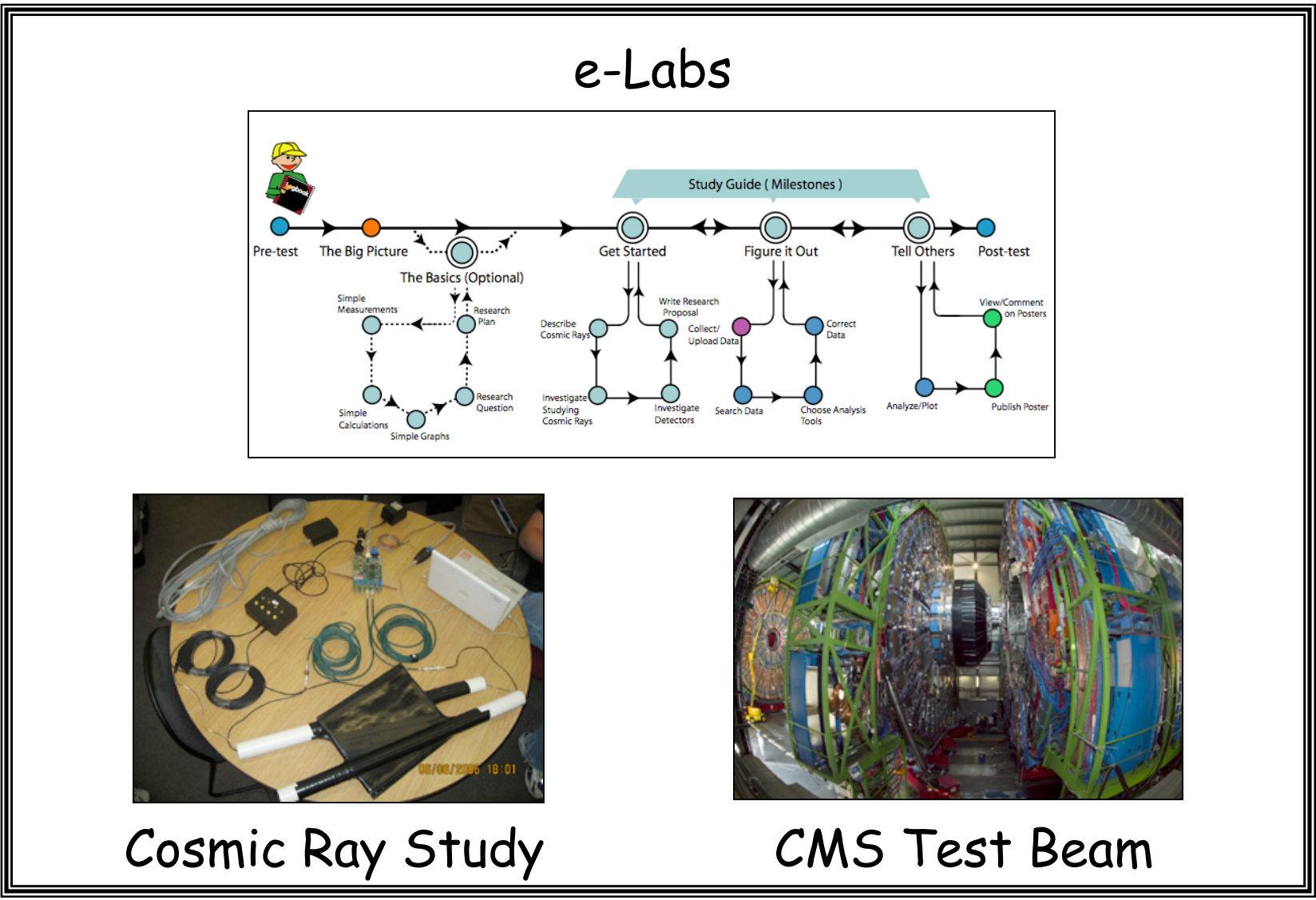


e-Labs

The flowchart illustrates the milestones of a Cosmic Ray study. The main path consists of: Pre-test, The Big Picture, The Basics (Optional), Get Started, Figure it Out, Tell Others, and Post-test. Sub-tasks include Simple Measurements, Research Plan, Research Question, Simple Calculations, Simple Graphs, Describe Cosmic Rays, Investigate Studying Cosmic Rays, Investigate Detectors, Write Research Proposal, Collect/Upload Data, Search Data, Choose Analysis Tools, Correct Data, Analyze/Plot, View/Comment on Posters, and Publish Poster.

Cosmic Ray Study

CMS Test Beam



e-Labs

The flowchart illustrates the milestones of a Cosmic Ray study. The main sequence of milestones is: Pre-test, The Big Picture, The Basics (Optional), Get Started, Figure it Out, Tell Others, and Post-test. The 'The Basics (Optional)' section includes Simple Measurements, Research Plan, Research Question, Simple Calculations, and Simple Graphs. The 'Get Started' section includes Describe Cosmic Rays, Investigate Studying Cosmic Rays, and Investigate Detectors. The 'Figure it Out' section includes Write Research Proposal, Collect/Upload Data, Search Data, Choose Analysis Tools, and Correct Data. The 'Tell Others' section includes Analyze/Plot, View/Comment on Posters, and Publish Poster.

Cosmic Ray Study

CMS Test Beam