

LIGO Laboratory Outreach, 2006



 A brief overview of outreach operations at LLO and LHO

3/17/2006



Drawing upon the unique attributes of the sites to promote science literacy and science interest



LIGO EOC's: Dale Ingram (LHO) and John Thacker (LLO)



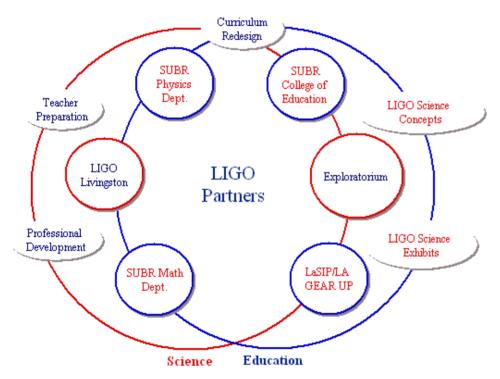
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LLO: Focusing on the development of the NSFfunded LIGO Science Education Center (SEC) through a four-party collaboration



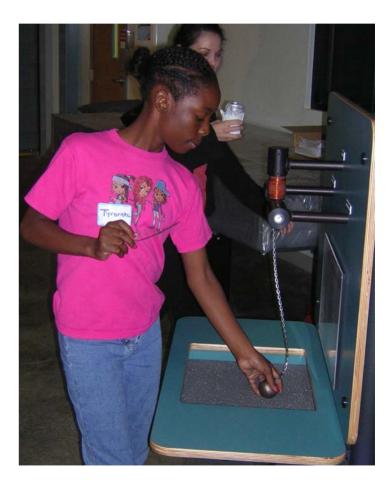
- » Southern University will integrate LIGO Science Education Center into its pre-service and in-service teacher training program
- » Exploratorium -- nation's premier designer of exhibit-based science teaching -- supplies exhibits and teacher training
- » LaSIP/LaGEAR-UP will ensure state-wide visitation by schools, with emphasis on teachers and schools with greatest needs



Exploratorium exhibits are tools for teacher training and for student experiences with LIGO science themes







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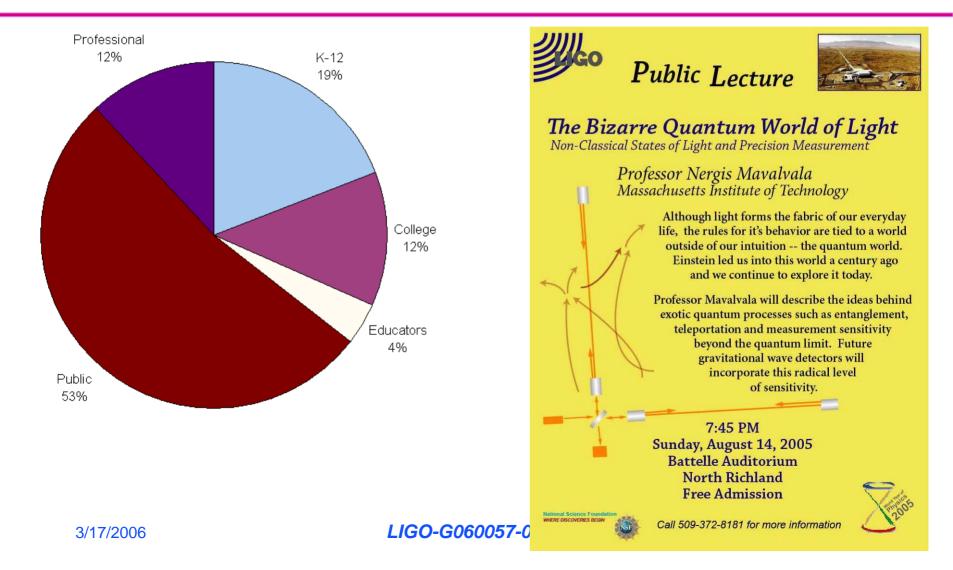


LLO's ~3K annual visitors are mainly students and teachers

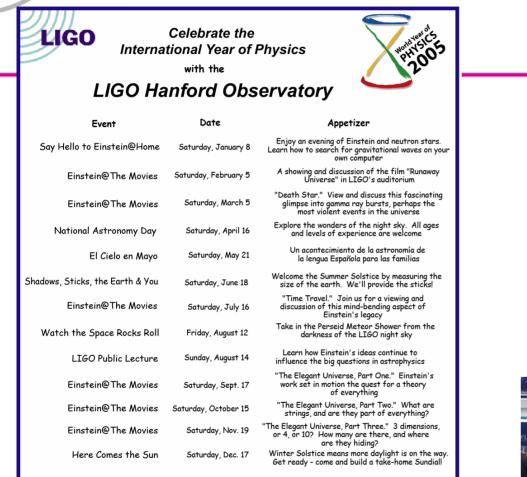


LHO: Also ~3K per year at present, majority are general public

LIGO



Special Public Events . . .





Free Observatory Tours on the 2nd

Saturday of every month

LIGO

For times, driving directions and more information about World Year of Physics events, find LIGO Hanford on the Web at http://www.ligo-wa.caltech.edu or call 509-372-8300 ext 248



LIGO-G060057-00-G

Free admission for all events



3/17/2006



School visits are increasing



Exhibits & Activities



Teacher Training



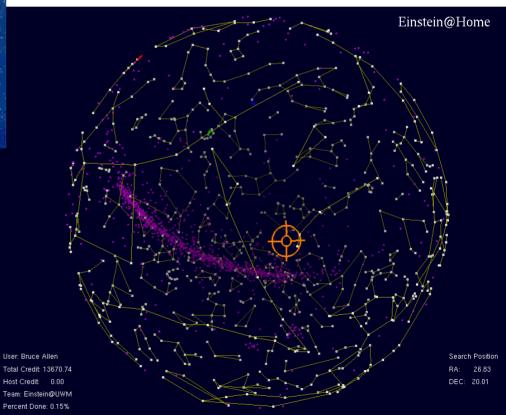






LSC Outreach . . . 200K contacts and growing!





LIGO Potential outreach interactions with the Lab . . .

• Broader Impact Consultations

- » What works, what might work, what doesn't work
- » Find out about wheels that have been invented already
- » Avoid getting lonely over outreach

• Practical Help

» There may be site-based services that we can broker to provide assistance in your work

Opportunities for Scaling

» Regional and national outreach endeavors to which the Lab is connected (NSF's I2U2, AAPT projects, Einstein's Messengers, more to come) may provide avenues for LSC participation