

## 2008 CUDOS Student competition

All CUDOS students are strongly encouraged to participate in the 2008 CUDOS Student Competition. In line with CUDOS' aim to strengthen its outreach activities, this year's challenge is to design, assemble and present an original, simple outreach demo, *that could be used for CUDOS outreach activities at the high-school and/or primary school level.*

The demo should preferably be based around an experimental setup or similar device, but may include, or be based on, animations or other interactive software for more theoretical aspects. It should be

- on a CUDOS-related theme (telecom, optics, your own research...)
- portable enough to be easily brought to high-schools or primary schools,
- fast to set-up on site,
- safe (eg. no possibility of laser beams reaching student's eyes...)
- and of course suitable for outreach (see below).

We insist that demos need not be complicated, as simple ideas are often most effectively communicated.

Entries will be presented by their authors at the CUDOS workshop 2008, in the form of an outreach presentation that includes their demo. The presentation should be done at a level appropriate for the announced target audience (high school or primary school) in a specified time. Time slots will be allocated after all submissions are received (around 5-10 mins each).

The jury judging the entries will be announced at a later date. Points that will be considered by the jury are:

- Does the demo satisfy the above practical criteria ?
- Clarity of the presentation (relative to targeted audience),
- Originality and quality of the demo,
- Entertainment value/ teenage boredom factor.

The winner and runner-up, who will receive cash prizes of \$1000 and \$250, respectively, will be announced during the CUDOS workshop 2008. All submissions commended by the judges will be awarded a certificate. Group submissions are allowed, with the prize to be shared between the members of the group.

Candidates will need to send the following information to Emily Higginson ([emilyh@physics.usyd.edu.au](mailto:emilyh@physics.usyd.edu.au)) by CoB Monday January 21, 2008.

- Title (short, snazzy, descriptive)
- Target Audience
- Expected time to demonstrate to average audience
- A one paragraph description of the demo and its aims (pictures encouraged)
- Any technical instructions/advice required to give the demo or any supporting/documentary material.

Questions should be addressed to education and training coordinator Boris Kuhlmeier ([b.kuhlmeier@physics.usyd.edu.au](mailto:b.kuhlmeier@physics.usyd.edu.au)).