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MEDIA ALERT: June 25-27, 1986

Film 2010 Graphics Creator Shares Techniques at NCAR Supercomputing Institute

BOULDER -- Craig Upson, scientific producer for Digital Productions and creator of the Jupiter sequence in the movie 2010, will share some of his graphics techniques on June 25-27 as part of a Summer Supercomputing Institute at the National Center for Atmospheric Research (NCAR) in Boulder, Colorado.

The institute, funded by NCAR's sponsor, the National Science Foundation, is one of only six taking place around the country this summer to train science graduate students in the use of superfast computers. NCAR was chosen as one site because of its extensive experience with its own two CRAY 1A supercomputers.

Upson is one of 10 expert instructors who are teaching the young science participants about such applications as simulating the weather or the blood flow in the human heart. The graphics techniques Upson will explain have important uses in scientific research.

The institute participants represent the fields of atmospheric sciences and oceanography from various graduate schools throughout the country including Massachusetts Institute of Technology, Stanford, University of Michigan, California Institute of Technology and the University of Washington. During the two-week institute they will take part in daily sessions at a hands-on supercomputing laboratory specially set up at NCAR that features 30 microcomputer terminals loaned by IBM. Besides working on NCAR's two supercomputers, the class will use the national center's sophisticated new satellite communications link to work on a CRAY X-MP supercomputer at the University of Illinois/Urbana-Champaign.

For members of the media, here is Upson's schedule:

Wednesday, June 25: Preview for media 10:00 a.m.- 10:30 a.m.
First lecture - 1:30 p.m. - 3:00 p.m.
Thursday, June 26: Second lecture - 10:30 a.m. - 12:00 p.m. (noon)
Friday, June 27: Final lecture - 8:30 a.m. - 10:00 a.m.

Upson's presentations will include videotapes of some of the more spectacular sequences that Digital Productions has produced for films and television commercials.

**For further information concerning interview appointments, contact:
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