YALE PHYSICS OLYMPICS

October 20, 2007
Event Schedule

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5
Time Slot #1 10:00 – 10:40	1/137 Alpha Asteroid Beta Branes Centripetal Chaos Comets DeBroglie Diffraction	Europa Fission Force Galaxy GammaRay Gravity Io Isotope Jupiter LightYear	Magnet Mars Maxwell Meteorite Neutrino Newton Omega Orbit Photon Pluto	Positron Proton Pulsar Quantum Quark Quasar Radiation Red-Shift Reflection Refraction	Retrograde Saturn Supernovae Titan Vector Velocity Venus Wave Why? X-ray
Time Slot #2 10:45 – 11:25	Retrograde Saturn Supernovae Titan Vector Velocity Venus Wave Why? X-ray	1/137 Alpha Asteroid Beta Branes Centripetal Chaos Comets DeBroglie Diffraction	Europa Fission Force Galaxy GammaRay Gravity Io Isotope Jupiter LightYear	Magnet Mars Maxwell Meteorite Neutrino Newton Omega Orbit Photon Pluto	Positron Proton Pulsar Quantum Quark Quasar Radiation Red-Shift Reflection Refraction
Time Slot #3a 11:30 – 12:10	LUNCH	LUNCH	LUNCH	Europa Fission Force Galaxy GammaRay Gravity Io Isotope Jupiter LightYear	Magnet Mars Maxwell Meteorite Neutrino Newton Omega Orbit Photon Pluto

Before 1:00 p.m.	Submit Fermi-Quiz Solutions

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5
Time Slot #3b 12:15 – 12:55	Positron Proton Pulsar Quantum Quark Quasar Radiation Red-Shift Reflection Refraction	Retrograde Saturn Supernovae Titan Vector Velocity Venus Wave Why? X-ray	1/137 Alpha Asteroid Beta Branes Centripetal Chaos Comets DeBroglie Diffraction	LUNCH	LUNCH
Time Slot #4 1:00 – 1:40	Magnet Mars Maxwell Meteorite Neutrino Newton Omega Orbit Photon Pluto	Positron Proton Pulsar Quantum Quark Quasar Radiation Red-Shift Reflection Refraction	Retrograde Saturn Supernovae Titan Vector Velocity Venus Wave Why? X-ray	1/137 Alpha Asteroid Beta Branes Centripetal Chaos Comets DeBroglie Diffraction	Europa Fission Force Galaxy GammaRay Gravity Io Isotope Jupiter LightYear
Time Slot #5 1:45 – 2:25	Europa Fission Force Galaxy GammaRay Gravity Io Isotope Jupiter LightYear	Magnet Mars Maxwell Meteorite Neutrino Newton Omega Orbit Photon Pluto	Positron Proton Pulsar Quantum Quark Quasar Radiation Red-Shift Reflection Refraction	Retrograde Saturn Supernovae Titan Vector Velocity Venus Wave Why? X-ray	1/137 Alpha Asteroid Beta Branes Centripetal Chaos Comets DeBroglie Diffraction
2:30 – 3:30	Physics-Demonstration Lecture Nuclear Accelerator Lab Tour	Large Lecture Rooms (SPL – 57 and 59) Location: WNSL			
3:30-4:00	Awards Ceremony Location: Large Lecture Rooms (SPL 57 and 59)				

Notes:

a) The "events" are scheduled to be 40 minutes long, .with 5 minutes allowed for moving to the next event.

b) In order to reduce confusion and long lines, half of the students will be scheduled to eat lunch during Time Slot #3a, and half during Time Slot #3b.
Lunch will be held in the 3rd floor lounge of SPL.

c) During the 02:30 - 03:30 time slot, the teachers and students have the choice of attending the demonstration lecture or taking a tour of the nuclear accelerator laboratory.