



Physics Enhancement Programme for Gifted Students (2010-11)

The Programme provides comprehensive, extensive, year-round, structured, and systematic courses and trainings by experienced physicists and tutors from the Hong Kong University of Science and Technology (HKUST) for the Hong Kong secondary school students who are talented and strongly interested in Physics, at the level which is well beyond the normal secondary school syllabus and meets the syllabus of International Physics Olympiad (IPhO). It consists of 16 lectures, followed by six selection tests and four experiment sessions in late February and March, 2011. The eight top performers in the selection tests will form the Hong Kong team to Asia Physics Olympiad (APhO) in late April, 2011, after going through a two-week intensive training right before APhO. The best five performers will then form the Hong Kong team to IPhO in July, after going through another two-week intensive training before IPhO 2011.

Session	Date	Time	Topic	Venue
Phase-I (10 sessions)				
1.	24/07/2010 (Sat)	9:30am – 12:30pm	Mechanics	Room 2404 HKUST
2.	07/08/2010 (Sat)			
3.	21/08/2010 (Sat)			
4.	04/09/2010 (Sat)	2:00pm – 5:30pm	Tutorial and Study Group	To be Confirmed later*
5.	18/09/2010 (Sat)	9:30am – 12:30pm	Heat	
6.	2/10/2010 (Sat)	2:00pm – 5:30pm	Tutorial and Study Group	
7.	23/10/2010 (Sat)	9:30am – 12:30pm	Electricity & Magnetism	
8.	30/10/2010 (Sat)	2:00pm – 5:30pm	Tutorial and Study Group	
9.	13/11/2010 (Sat)			
10.	27/11/2010 (Sat)			
Phase-II (6 sessions)				
11.	11/12/2010 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Optics Tutorial and Study Group	To be Confirmed later*
12.	18/12/2010 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Optics Tutorial and Study Group	To be Confirmed later*
13.	08/01/2011 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Relativity Tutorial and Study Group	To be Confirmed later*
14.	15/01/2011 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Astrophysics Tutorial and Study Group	To be Confirmed later*
15.	22/01/2011 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Modern Physics Tutorial and Study Group	To be Confirmed later*
16.	12/02/2011 (Sat)	9:30am – 12:30pm 2:00pm – 5:30pm	Experiments Tutorial and Study Group	To be Confirmed later*
<ul style="list-style-type: none"> • Phase-III: Pan Pearl Olympiad and Selection Tests • Phase IV: Intensive Training in early-mid April 2011 to prepare for APhO in Israel • Phase V: Residential Training in mid June 2011, to prepare for the IPhO in Thailand 				

*Room numbers for classrooms are not yet finalized. Updated schedule will be sent out before the first lecture.