

IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

DP Physics (Level 1 & 2)

Sutera Harbour Resort, Kota Kinabalu, East Malaysia

11 – 13 September 2009, Friday - Sunday

Workshop Leader

Paul Hadfield

Paul has been teaching in South Australia in both Public and Private Schools for 26 years. He currently holds the roles of Head of Science, Head of Physics and is the IB CAS Coordinator at St. Peter's College. Paul has taught IB Physics since its inception at St. Peter's College, in 1998.

For the last 4 years he has been an Assistant Examiner of HL Paper 2, and an IA moderator of HL and SL in Physics.

Paul is leading his second IB Physics workshop. He ran his first IB Physics workshop in Kuala Lumpur, in 2008.

All participants are requested to bring with them the following:

- A copy of this Agenda
 - The Physics subject guide and the Physics Data Booklet
 - The Sutera Harbour Resort Conference rooms are wifi enabled and you may like to bring your laptop to access the OCC in session 7. Please note; however, that the hotels personal wifi access is not covered by your registration cost.
 - We will have one computer with a digital projector and broadband connection in our workshop room for all of the sessions. Please bring along any digital resources that you are willing to share or that you wish to present – session 12 is dedicated to sharing and presenting participants' resources. I would envisage many of you will be bringing an external hard drive which you can use to take copies of shared resources.
 - Copies of your favourite experiments for display or distribution
 - A summary of your HL and SL programmes. I appreciate that this may not be possible for 'level 1' participants
 - Any TOK and Physics Extended Essay resources from your School. I appreciate that this may not be possible for 'level 1' participants
 - Details of any other useful resources such as textbooks, software, websites. If possible please bring a copy of your favourite textbook(s)
-

Please note: session topics are subject to change based on needs of the group

Friday, 11 September

0830 - 0900	Welcome & Introduction
0900 - 1000	Session 1: Introductions, overview of workshop, expectations <ul style="list-style-type: none">▪ Establish expectations of the group▪ IBO Mission statement▪ DP overview
1000 - 1030	Morning Break
1030 - 1200	Session 2: Teaching the programme – Core & AHL <ul style="list-style-type: none">▪ Timetables & structure▪ Teaching order▪ Resources
1200 - 1300	Lunch
1300 - 1430	Session 3: Teaching the programme – new topics & Options <ul style="list-style-type: none">▪ Topic 8 (Energy, Power + Climate Change, topic 14 Digital Technology –when? how long? Depth, labs▪ Which Options? when?▪ Content, depth and duration of topics▪ Resources
1430 - 1500	Afternoon Break
1500 - 1630	Session 4: Examinations <ul style="list-style-type: none">▪ Examination format▪ Marking paper 2: May 2009 Time zone 2 HL paper 2▪ Sample papers & resources
1630	End of Day 1

Saturday, 12 September

0830 - 1000	Session 5: Internal Assessment – Part 1 <ul style="list-style-type: none">▪ Handbook of Procedures 2009: Group 4 Experimental Science▪ Curriculum review report▪ Marking rubric
1000 - 1030	Morning Break
1030 - 1200	Session 6: Internal Assessment – Part 2 <ul style="list-style-type: none">▪ Designing a practical programme▪ ICT requirements▪ Creating and assessing Design exercises
1200 - 1300	Lunch
1300 - 1430	Session 7: The OCC <ul style="list-style-type: none">▪ Assessment of the remaining criteria (DCP, CE)▪ Supporting the OCC –Forums and resources

1430 - 1500	Afternoon Break
1500 - 1630	Session 8: Extended Essays <ul style="list-style-type: none"> ▪ Types of essay ▪ EE examples ▪ Models for supervising physics EEs ▪ EE report
1630	End of Day 2
<u>Sunday, 13 September</u>	
0830 - 1000	Session 9: Physics & TOK <ul style="list-style-type: none"> ▪ What is TOK? ▪ Fulfilling TOK aims within physics course ▪ Resources
1000 - 1030	Morning Break
1030 - 1200	Session 10: Group 4 Project <ul style="list-style-type: none"> ▪ Review Gp 4 Project guidelines –combined session ▪ Strategies for running a Gp 4 project in your school ▪ Resources & assessment
1200 - 1300	Lunch
1300 - 1430	Session 11: IB Issues and Grade determination <ul style="list-style-type: none"> ▪ IB Learner profile booklet ▪ Promoting International Mindedness in our Schools ▪ Academic honesty ▪ Grade determination (Diane Lloyd, the subject area manager for physics based in Cardiff, UK)
1430 - 1500	Afternoon Break
1500 - 1600	Session 12: Sharing resources <ul style="list-style-type: none"> ▪ Opportunity for participants to present own resources /favourite demonstration ▪ Review of workshop and outstanding matters ▪ Workshop evaluations
1600	Workshop Closes and Award of Certificates*

* An official "IB Certificate of Attendance" is awarded to participants who have attended all sessions of a workshop. Please ensure that travel arrangements do not preclude candidacy for a certificate.