

# IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

## DP Physics (Level 1)

Queensland Academy for Science, Mathematics & Technology, Brisbane, Australia  
3 – 5 July 2009, Friday - Sunday

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### Workshop Leader

#### **Mr Gregg Kerr**

Gregg has been teaching IB Physics and Chemistry since 1986 in a variety of environments including Germany, Hong Kong, Brunei, Thailand, China and Australia. He is presently Head of Science at the Shanghai American School.

Gregg is presently a Senior moderator for IB Physics internal assessment and a Senior Examiner for SL and HL Paper 2 scripts. He has been a workshop leader at numerous conferences in the Asia-Pacific region for the past 15 years.

He has co-authored an IB Physics textbook with Paul Ruth and he has written a portfolio of 75 investigations that can be used for school-based and IB assessment criteria.

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### **All participants are requested to bring with them the following:**

- A copy of this Agenda
  - Syllabus and Data Booklet
  - A copy of your favourite investigation
  - Any good software that you wish to share with other participants.
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*Please note: session topics are subject to change based on needs of the group*

Friday, 3 July

0830 - 0900

**Welcome & Introduction**

0900 - 1000

**Session 1: Formal introductions**

- Monitor the level of experience of the group
- Workshop expectations

1000 - 1030

Morning Break

1030 - 1200

**Session 2: Overview of the new syllabus**

- Core
- AHL
- The Options
- Group 4 Project

1200 - 1300

Lunch

1300 - 1430

**Session 3: Overview of the new internal assessment**

- New criteria and aspects
- Other compulsory requirements

1430 - 1500

Afternoon Break

1500 - 1630

**Session 4: Internal assessment and the criteria**

- Design
- Data collection and processing
- Conclusion and evaluation
- Personal skills and manipulative skills
- IT requirements

1630

End of Day 1

Saturday, 4 July

0830 - 1000

**Session 5: Online curriculum centre OCC**

- Support material for the syllabus
- Online Physics forum
- Useful websites

1000 - 1030

Morning Break

1030 - 1200

**Session 6: Teaching the programme – Core and AHL**

- Teaching order
- Timetables and structure
- Resources for old and new sections

1200 - 1300

Lunch

1300 - 1430	<b>Session 7: Teaching the programme – The Options</b> <ul style="list-style-type: none"> <li>▪ Teaching order</li> <li>▪ Timetables and structure</li> <li>▪ Resources for old and new sections</li> </ul>
1430 - 1500	Afternoon Break
1500 - 1630	<b>Session 8: Marking IB examinations</b> <ul style="list-style-type: none"> <li>▪ Marking in line with markscheme</li> <li>▪ Specimen questions and answers</li> <li>▪ New topics</li> </ul>
1630	End of Day 2
<u>Sunday, 5 July</u>	
0830 - 1000	<b>Session 9: Theory of Knowledge and physics</b> <ul style="list-style-type: none"> <li>▪ Ways of Knowing</li> <li>▪ How to include in physics teaching</li> <li>▪ Examples of TOK essays</li> </ul>
1000 - 1030	Morning Break
1030 - 1200	<b>Session 10: Group 4 Project</b> <ul style="list-style-type: none"> <li>▪ Combined session with all G4 participants</li> </ul>
1200 - 1300	Lunch
1300 - 1430	<b>Session 11: Extended essays in physics</b> <ul style="list-style-type: none"> <li>▪ Feasibility of success</li> <li>▪ Applying the assessment criteria</li> <li>▪ Some EE suggestions</li> </ul>
1430 - 1500	Afternoon Break
1500 - 1600	<b>Session 12: The learner Profile, Internationalism and resources</b> <ul style="list-style-type: none"> <li>▪ Implementation of the Learner Profile</li> <li>▪ Internationalism in schools</li> <li>▪ Resource, summary and questionnaire</li> </ul>
1600	Workshop Closes and Award of Certificates*

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\* 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.