Queensland Junior Physics Olympiad

7 – 11 July, 2014

Do you love science and maths? Do you want to:

- Explore advanced physics like black holes and quantum computing?
- Get a head start on senior physics?
- Discover how physics relates to everyday life?
- Find out about career options in physics, mathematics and engineering?
- Learn about the outstanding research in science being conducted in Queensland?

If so, the Queensland Junior Physics Olympiad (JPhO) is for you!

JPhO is a five-day (non-residential) programme for Year 10 students. At JPhO we present physics to complement your senior physics curriculum. We aim to develop your problem solving skills as well as your appreciation and understanding of physics.

By attending the 2013 Queensland Junior Physics Olympiad, you will be able to:

- Develop your problem solving, critical thinking and communication skills
- Learn important principles of physics, preparing you for senior physics
- Participate in forums with UQ researchers on topics such as quantum physics, special relativity and cosmology
- Tour state-of-the-art research centres at UQ
- Talk with university students about study options and life at university
- Meet other people with similar interests to you
- And even learn to juggle! (including the physics behind it of course!)

JPhO is about doing physics. The week is full of forums, workshops, experiments and interactive discussions with your tutors. The student-teacher ratio is better than four to one, so tutors can respond quickly and you can work at your own pace. You will still have plenty of time to ask questions about what you are interested in.

**JPhO 2014 - The Details:**

**Who can apply?** There are 48 places for Year 10 students interested in science and maths. The most enthusiastic from across Queensland and Northern New South Wales will be selected.

**When?** Monday the 7th to Friday the 11th of July, 2014.

**Where?** The University of Queensland, St Lucia Campus, Brisbane.

**Cost?** $240.00 (including GST). Do not send payment now; successful applicants will be sent payment details. Cost includes all meals (morning tea, lunch and afternoon tea), programme materials and the highly coveted 2014 JPhO T-shirt.
Accommodation? JPhO is a non-residential programme; as such alternative accommodation may have to be arranged. In addition to motels/hotel, it is possible to arrange accommodation at The University of Queensland’s colleges. Information about accommodation at UQ can be found at www.accommodation.uq.edu.au. Please note that UQ’s colleges will require students to be accompanied by an adult guardian.

How do I apply? Fill in the following application form and send to:

Queensland Junior Physics Olympiad
School of Mathematics and Physics
The University of Queensland
St Lucia, Brisbane
QLD 4072

Unfortunately we don’t have the resources to accept everyone who applies, so please include as much information as possible about your results in science and maths competitions, your interests, hobbies or any extra-curricular activities as it may help your application. We will notify all applicants soon after the closing date on the outcome of their application.

JPhO Timeline
Applications close: Monday 12th May
First round notification letters sent: Week beginning Monday 19th May
Payment due: Friday 30th May
The fun begins: Monday 7th July!
Queensland Junior Physics Olympiad Application Form

Use this form to fill in your personal details, attaching the other requested documentation (listed under Have you included?), and post your application today!

Please use BLOCK letters.

First Name:      Family Name:
Address:
Email:
Phone Number:
Parent/Guardian Name:
Parent/Guardian Phone Number:
Parent/Guardian Email:
School Name:

School Teachers Name (providing reference):

List the subjects you are currently studying and your grades (if known):

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List any science or maths competitions you have participated in:

Is there anything else you would like to tell us (e.g., other science activities, workshops attended or clubs):

What do you intend to do after high school?

Want more information?

Contact the JPhO Coordinator
Queensland Junior Physics Olympiad          Email: jpho@uq.edu.au
School of Mathematics and Physics          Phone: (07) 3346 7964
The University of Queensland              Fax: (07) 3365 3328
St. Lucia, Brisbane, QLD 4072

Checklist:
Your application form
A letter of recommendation from your maths or science teacher
A copy of your most recent report card