

Australian Institute of Physics NSW Branch

2023

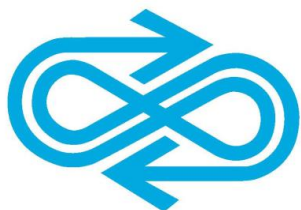
Postgraduate

Awards

Event

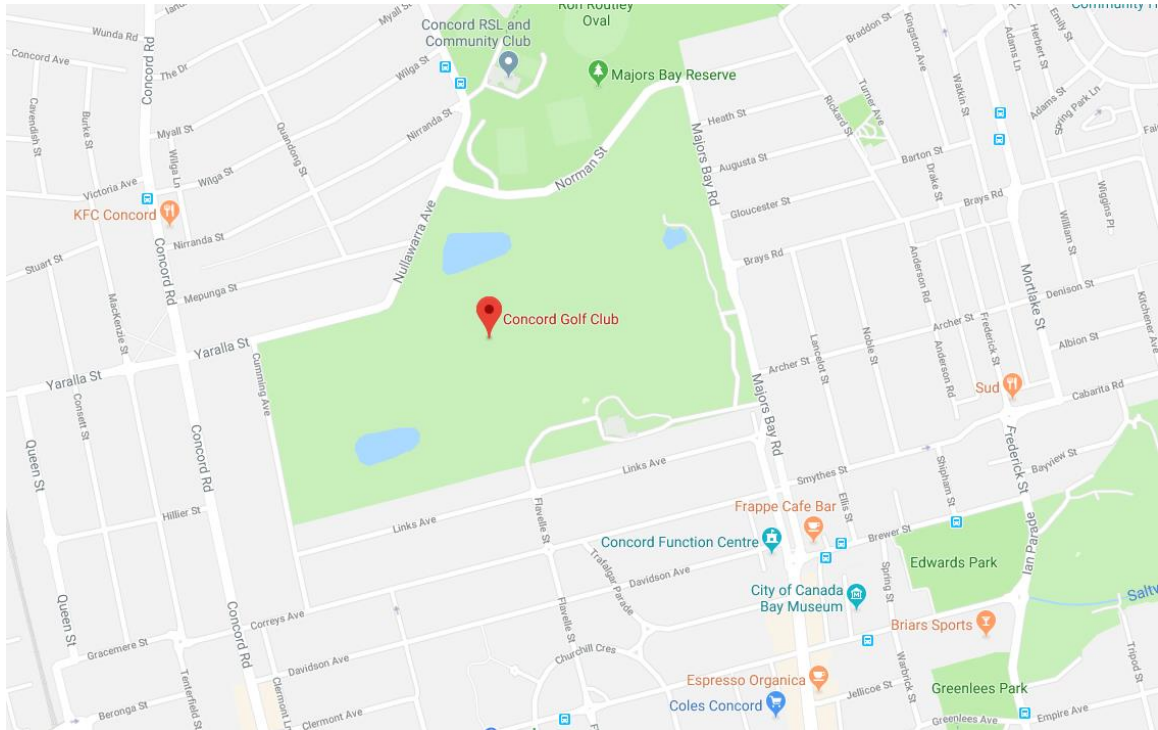
Schedule

The 2023 Awards Event is sponsored by:



2023 AIP Postgraduate Awards

The NSW AIP Branch will hold its **Annual Postgraduate Awards** on **Tuesday 14 November 2023** at the **Concord Golf Club, 190 Majors Bay Road Concord (Entry via Flavelle Street).**



Each University has invited a postgraduate physics nominee to compete for the **AIPNSW Postgraduate medal** and the **RSNSW Jak Kelly prize**. These awards have been created to encourage excellence in physics postgraduate work, and all nominees who participate in the Postgraduate Awards Day will receive a **special award** recognising the nominee's high standing.

Students will make a **20-minute presentation** on their postgraduate **research in Physics**, and the presentation will be judged on the **criteria (1) content and scientific quality, (2) clarity and (3) presentation skills** as included in the judges' criteria.

Event Schedule

- Student presentations at the **Concord Golf Club, 190 Majors Bay Road Concord (Entry via Flavelle Street) – 10.00am**
- Presentation of *Awards and Prizes* – **1.00pm**

Presentation Procedures

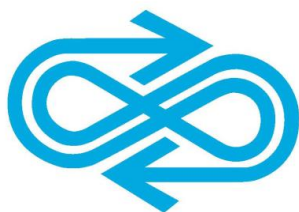
Attendance and Presentation procedures for this event:

- Please bring your **presentation on USB** or on your **own device** so it can be connected to the Club's data projector / screen.

2023 Judging Panel

- Dr Jesse Shore – **Prismatic Sciences**
- Tibor Molnar – **Honorary Research Associate, Department of Philosophy, University of Sydney**
- Dr Timothy Van der Laan – **Australian Institute of Physics NSW**
- Dr Erik Aslaksen – **The Royal Society of New South Wales**

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Criteria for AIP Postgraduate Awards

All candidates will present a **max 20-minute presentation** (not including questions). The judges score and rank the candidates according to: (1) Content and Scientific Quality, (2) Clarity and (3) Presentation Skills. The judges combine their results to determine the winner. *Decisions by the panel are final.*

- Content and scientific quality are important criteria.** The presentation must be interesting, and the material should be seen to be significant within the field of research. Context is important for establishing what the state of current research in the field is and how the described research contributes to and extends current knowledge. The candidate must balance the competing demands of providing a clear explanation to the non-specialist and illustrating the techniques and methods to allow a meaningful assessment of the presenter's own understanding and contributions to the research. The context can be further clarified during the question-and-answer session.

1 = Strongly Disagree
3 = Neither Disagree nor Agree
5 = Strongly Agree

A. Content and Scientific Quality Matrix						Total ____/20
(i) Interesting	1	2	3	4	5	
(ii) Significant	1	2	3	4	5	
(iii) Addresses Research Gap/Need	1	2	3	4	5	
(iv) Contributes and Extends Knowledge	1	2	3	4	5	

- Clarity** is a skill which is required to communicate a subject requiring years of study into a 20-minute presentation. The judges are looking for the presenter's ability to communicate the essence of the research without becoming excessively encumbered with detail. A proper introduction, good exposition and meaningful conclusions are important factors in providing a clear presentation.

B. Clarity Matrix						Total ____/20
(v) Communicates Essence	1	2	3	4	5	
(vi) Good Introduction	1	2	3	4	5	
(vii) Good Exposition and Explanations	1	2	3	4	5	
(viii) Meaningful Conclusion	1	2	3	4	5	

- Presentation skills** include the best use of audio-visual aids, speaking ability, eye contact, efficient use of time, projecting a professional and confident attitude, preparedness and response to questions.

C. Presentation Skills Matrix						Total ____/20
(ix) Preparation and Use of Time	1	2	3	4	5	
(x) Use of Visuals	1	2	3	4	5	
(xi) Professional and Confident	1	2	3	4	5	
(xii) Response to Questions	1	2	3	4	5	

Postgraduate Awards Nomination Form

PLEASE complete and return (by email) this NOMINATION FORM for your nominee by **7th October**.

Candidates: Please email the **title** and **300 word abstract** of your presentation by **7th October** to the Awards Convenor: Dr Frederick Osman on **fosman@bu.edu**

NAME OF THE NOMINEE	Mr./Mrs./Ms.
UNIVERSITY	
DEPARTMENT/SCHOOL	
PHONE No.	Area Code: ()
E-MAIL	
TITLE	
ABSTRACT (300 words)	Please include text or any figures below.
SUPERVISOR or HEAD OF THE DEPARTMENT/SCHOOL	Prof. /Assoc. Prof. /Dr. /Mr /Mrs /Ms: Comments:

IMPORTANT

Nominations and 300-word abstracts are to be emailed to: Dr Frederick Osman fosman@bu.edu by 7th October. Further details regarding the event schedule and registration will be provided after the nominations close.

THE AUSTRALIAN INSTITUTE OF PHYSICS

POSTGRADUATE AWARDS NOMINATION FORM

Please include **300-word abstract below:**