

Policy Document on:

Student Presentation Prizes in the Australasian Fluid Mechanics Conference Series

1. Background

The AFMS will award named prizes for the best student presentations at the biennial Australasian Fluid Mechanics Conference (AFMC); between 3 and 6 prizes will be awarded. This policy document describes the criteria and processes required for the award of the prizes.

2. Purpose

Each named prize serves to:

- Honour the memory and influence of an eminent Australasian Fluid Mechanician;
- Recognise and reward excellence in the quality of research-student presentations;
- Encourage student participation in the AFMC; and
- Promote the importance of presentational skills in the research community.

3. Governance

The student-presentation prizes will fall within the remit of the AFMC organising committee that operates under the aegis of the AFMS. As in all matters relating to the AFMC, the AFMS, through its Executive Committee and Council membership, will support the implementation and operation of the award process.

4. The prizes

The prize will comprise a certificate and a cash prize of \$250 announced and presented at the closing ceremony of the AFMC.

Each prize will have a ‘champion’ from the AFMS committee (or nominee) who will

- Gain approval from the family (or estate) of the eminent Fluid Mechanician to use the name, and
- Personally (or organise a suitable deputy) give a short speech about the eminent Fluid Mechanician to introduce the award at the prize-giving ceremony.

The prize winners will be decided upon using the (non-discipline-specific) criteria described below. At the completion of this selection process, each of the winners will be allocated to one of the named prizes on the basis of the best match of presentation content to the broad area or techniques for which the eminent Fluid Mechanician was known.

An example of named prizes and their champions is provided in Schedule 1.

5. Criteria for selection of the prize winner

The prizes will be awarded on the basis of the presentation at the AFMC as opposed to a combination of this and the written conference paper because the quality of the presentation primarily reflects the student’s skills and accomplishments in the area of the paper presented.

Student presentations at the AFMC will be judged upon three (weighted) broad criteria namely

- **Content (0.4 weighting):** covering scientific importance and novelty of the work, rigour, completeness and logical sequencing of the subject matter.
- **Oral exposition (0.4 weighting):** Covering speech/diction, pace of delivery, command of subject matter, clarity of explanation and ability to understand and answer audience questions/comments.
- **Visual aids (0.2 weighting):** Covering the complementary use of written, diagrammatic and mathematical modes, appeal and layout of slides developed, presentation of results/data using appropriate formats, clear introductory and concluding slides/statements.

The assessment sheet for judges is provided as Schedule 2 to this document.

6. Judging process

Each student presentation will be assessed by a minimum of two appointed judges. These would be drawn from the following:

- The session chairperson
- AFMS Executive Committee Members
- Members of the Organising Committee for the conference
- Other delegates at the conference co-opted as judges by the AFMS

The winners will be identified as having the top three average scores.

Student presentations will be scheduled within the appropriate tracks across the first three days of the conference; all such presentations will be identified by the AFMC organising committee.

The chairperson of any session that includes a student presentation will be informed of such and asked to judge the presentation using a provided scoring sheet.

A roster listing which additional judges should attend and assess which student presentations will be drawn up by the organising committee and provided to all those involved in the process.

7. Awarding process

At the opening ceremony of the AFMC the existence and purpose of the prizes will be announced and all student-presenters will be made aware that they are eligible for one of the prizes; they should also be informed that the three winners will be announced, and their prizes presented, at the closing ceremony of the conference on the fourth day.

The committee of judges will make their determination of the prize winners on the evening of the third day of the conference. Where possible, the winners will be notified (by email) and encouraged to attend the closing ceremony to receive their prize in person.

The prizes will be awarded at the closing ceremony of the conference. The named-prize 'champion' (see Section 4 above) for each of the awards will be invited to give a short speech about the prize, announce the winner and award the prize.

*Prepared by the AFMS Sub-committee for student prizes
(A.D. Lucey, Wenxian Lin and Ross Griffiths) July 2014; with minor corrections, Oct 2021*

Schedule 1: Example of Named Prizes and Champions (from the 19AFMC)

At the 19th AFMC, three student-presentation prizes were awarded as follows:

- The **Sam Luxton** prize: for whom the champion is Richard Kelso
- The **Tony Perry** prize: for whom the champion is Lex Smits
- The **David Wilkinson** prize: for whom the champion is Roger Noakes

Schedule 2: Judges' Scoring Sheet

Australasian Fluid Mechanics Conference (AFMC)

Student Presentation Prize – Judges' Scoring Sheet

Student Name:

Date and Time:

Session and Paper Code:

Criterion (marks available)	Elements sought	Notes (optional)	Score awarded
Content (20)	Scientific importance and novelty of the work, rigour, completeness and logical sequencing of the subject matter.		/20
Oral exposition (20)	Speech/Diction, pace of delivery, command of subject matter, clarity of explanation and ability to understand and answer audience questions or comments.		/20
Visual aids (10)	Written, diagrammatic and mathematical modes, appeal and layout of slides, presentation of results/data using appropriate formats, clear introductory and concluding slides		/10
Total			/50

Overall Comments (optional)

Name of judge: