

POSTGRADUATE RESEARCH PAPER COMPETITION - ORAL

a) INTRODUCTION

This competition is one of the activities for the postgraduate students held in conjunction with the MIFT 13th National Food Science and Technology Competition 2023 organized by Monash University Malaysia (MUM) and Malaysian Institute of Food Technology (MIFT).

b) OBJECTIVES

1. To encourage and stimulate interest in research related to food science and technology.
2. To provide an opportunity for selected food science and technology postgraduate students studying in local universities to present their original research findings
3. To provide a platform for postgraduate students to exchange information

c) ELIGIBILITY

Each contestant must be a registered postgraduate student (with active students status) pursuing research related to food science and technology. The presentation should be related to Food Science and Technology. If the winner of this competition is not a Malaysian citizen, then the place will go to the next winner who is a Malaysian citizen.

d) SCHEDULE

The competition will be held from 10.30 am–5.30 pm on the competition day.

e) HOW TO ENTER

Only ONE (1) entry participant per institution is allowed. All entries should be made through the respective representative of the university. The entries are to be submitted through [registration form](https://bit.ly/3IPCrac) (bit.ly/3IPCrac) by 30rd April 2023.

f) SUBMISSION OF ORAL PAPERS

Please submit the title, abstract, and manuscript by 1st June 2023 in soft copy form to 13mift2023@monash.edu (Attn to Dr Lee Yee Ying).

g)PREPARATION OF MANUSCRIPT

In preparing the extended abstract, please follow the guidelines as described below. The manuscript length for oral papers should not exceed 6 pages of A4-size paper.

GUIDE TO CONTRIBUTORS

Scope

The scope of the presentation should be reporting the results of an original research in the following areas:

- food science, food technology and food biotechnology
- product development and sensory evaluation
- food habits, nutrition and food health
- food chemistry, food microbiology and food safety
- food waste management
- post harvest food handling
- agro-food management, marketing, value chain and regulatory issues, or
- other related topics deemed relevant by the Selection Committee

Emphasis is given to the findings of research and development in the food and allied industries of interest to the ASEAN region. They may report significant new data arising from problems with narrow, well-defined limits, or important findings within the above highlighted scope.

Manuscript Length

The manuscript should not exceed 6 pages of A4-size paper (including tables, graphs, photos, etc). The paper should be divided into sections by the use of appropriate headings.

Manuscript should be single-spaced, typed using 11 point Arial with margin of 2.54cm on all four sides.

Manuscript Style

Research papers should be divided into the following section: (a) An abstract of approximately 150 words embodying the major results and conclusions. It should be intelligible without reference to the paper itself. (b) Introduction – should give the aim of

the investigation and a brief statement of previous relevant works with references. (c) Materials and Methods – only new techniques need to be described in detail but known methods must have adequate reference. (d) Results – must be presented with tables and figures for clarity; (e) Discussion, usually interprets the results and highlighting the importance of the findings to the field (f) Conclusion – should not merely repeat points made in the preceding sections (g) Acknowledgement – should be kept to the absolute minimum (h) References.

Tables, Graphs, Figures and Photographs

Tables, graphs and figures should be displayed on separate sheets and should be referred in the text together with an indication of their appropriate position recorded in the margin of the text. Tables and figures should be captioned while captions for photographs should be typed and pasted on the reverse side. Scanned or digital photographs should be high resolution, minimum 300 dpi in the PC format.

Footnotes

Footnotes should be kept to a minimum; in most cases, it will be possible to incorporate the information in the text. If footnotes are used, they should be numbered in the text, indicated by superscript number and kept as brief as possible.

References

References should be cited in the text by the author. All references in the text must be listed at the end of the paper, with the names of authors arranged alphabetically, and titles of papers given. No underlining, italics or bold face should be used. References in incorrect format will be returned for correction.

Examples of reference styles are given below:

Journal Collins, S. J., Bester, B. H. and McGill, A. E. J. 1993. Influence of psychrotrophic bacterial growth in raw milk on the sensory acceptance of UHT skim milk. *Journal of Food Protection* 56 (5): 418-425.

Monograph Connel, J. J. 1990. Control of fish quality. 2nd edn. London: Fishing News Books. Chapter in Book Hart, R. J. 1998. Food Science and the transport of food. In Heap, R., Kierstan, M. and Ford, G. (Eds). *Food Transportation*, p. 1-21. London: Thomson Science.

Proceedings Jinap, S. and Yusof, S. 1994. Development of juice from cocoa pulp. In Jinap, S., Bong, C. L., Tan, K. L. and Wan Rahimah, W. I. (Eds). Proceedings of the Malaysian International Conference, p. 351. Kuala Lumpur: Malaysian Cocoa Board.

Internet Internet: Food and Drug Administration 2000. Bad bug book – Aflatoxins. Downloaded from <http://vm.cfsan.fda.gov/~mow/chap41.html> on 3/3/2000.

Report Lontoc, A. V. 1981. Existing food analytical methods and problems in the Philippines. Report of the ASEAN Workshop on Analytical Techniques. Singapore: ASEAN Subcommittee on Protein.

Thesis Yusep, I. 1997. The effect of fermentation and soaking times on pyrazines and acidity concentration of Thai Forastero cocoa beans. Bangkok, Thailand: Kasertsart University, MSc thesis.

Submission

All pages, including tables, footnotes and figure legends should be consecutively numbered. Submit a cover page to the manuscript indicating only the article title (this is used for anonymous refereeing) and the ABSTRACT. Also include a second “Title Page” to the manuscript. This page should contain:

- Title of paper
- Name of the student ONLY and institution (please do not put down supervisor’s name to avoid any bias during screening process)
- ABSTRACT of about 150 words
- 5 or 6 keywords that identify article content
- Introductory footnote with author academic degrees, professional titles, affiliations, mailing addresses, telephone number, facsimile number, email address and any desired acknowledgement of research support or other credits.

h) INSTRUCTION

Each presenter is given 15 minutes for presentation followed by 5 minutes of question and answer session. The presenter is advised to use PowerPoint presentation.

The oral presentation should include: title and authors, introduction, objectives, materials and methods, result and discussion, and conclusion.

i) JUDGES

Five neutral judges will be invited, one per university.

Judges will be distributed the manuscripts 45 days before the event to judge the manuscript before the oral session. Marks will be awarded based on 60:40 for manuscript:oral.

j) CRITERIA FOR EVALUATION

The competition will be based upon the following criteria stated in the evaluation form below:

Evaluation form

Name of Presenter:

Title of the Presentation:

Name of Judge:

(Marks awarded based on 60:40 for manuscript:oral)

JUDGING CRITERIA	Pts
Abstract Abstract & title accuracy & concisely describe the subject	10
Background Information Relationship with previous work shown; relevant references made to literature	10
Objectives (or Problem & Hypotheses) Objectives clearly stated	10
Materials and Methods Measurement & data collection procedures given; processing of data / statistical analysis described and appropriate	10
Results & Discussion Data tables/graphs; data interpreted for reader; appropriate conclusions drawn and explained; conclusion is not limited to data presented	25
Significance, Applications, Further Research Results related to other studies / extended to other areas; implication for scientific and/or human importance made; future research suggested	5
Presentation Presentation is well organized & easy to follow; fonts are large enough; concise text; uses of tables graphs, photos, etc; easy to read & no data overload; appropriate technical level; presentation is eye catching & can be easily understood; acknowledgements stated	25
Student's response to Q&A	5
Total Marks	100

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MIFT 13th National Food Science and Technology Competition 2023

Should there be any inquiries, please write to 13mift2023@monash.edu (Attn to Dr. Lee Yee Ying)

For more information, please visit:

<https://www.monash.edu.my/science/news/mift-2023>