

Guidelines for papers to be presented at Madif 9.

(adapted from MERGA (<http://www.merga.net.au/node/22#scope>))

Research papers can take two major forms:

- reports of empirical investigations; or
- reports that are not based on empirical research including:
  - a theoretical discussion;
  - a position paper;
  - a report of scholarly enquiry in progress;
  - a literature review, a meta-study;
  - an account of a new initiative;
  - a reflective critique of practice; or
  - any mixture of these or other recognised scholarly forms.

All papers for publication in the conference proceedings should contain the following:

- a statement of the problem/issue and a discussion of its significance;
- a critical analysis of the research literature as it relates to the topic of the paper; and
- conclusions and implications for mathematics education derived from the study.

All papers must respect ethical guidelines relating to research work. Papers should be not more than the set length of 10 pages and written in the Madif 9 word template, following the formatting guides therein. In addition, papers must be: readable; free of grammatical, spelling and typographical errors.

#### i. Empirical investigations

When empirical investigations are reported (such as in an experimental intervention, confirmatory study, or action research, etc.), the paper should also include

- a statement of rationale for methodologies used in collecting and analysing data;
- a critical discussion of data findings in the light of the research literature; and
- in the literature review, prior work in the area should be acknowledged and an explanation of how the work reported in the paper builds on that earlier work should be included.

#### ii. Theoretical or position papers

When the work is a theoretical discussion, a position paper, a report of scholarly inquiry in progress, a review of literature, a theoretical study, a meta-study, an account of a new initiative, a reflective critique of practice or any mixture of these or other recognised scholarly forms, the material presented must be discussed critically, and alternative points of view relating to themes presented should be appropriately argued.

Originality

Only research papers that are substantially different from work that has been published previously will be considered for publication in the conference proceedings and/or presentation at the conference.