

M.Sc. in Software Engineering (2003)

GUIDELINES FOR EXAMINATION OF RESEARCH ARTICLES

Department of Computer Science
National University of Ireland, Maynooth

Required Standards

The article should exhibit substantive evidence of understanding in the chosen topic. The work itself should be of a good scholarly standard, exhibiting a reasonable degree of objective analysis or critical assessment of software engineering practices. The article should be presented in an organized and cogent manner.

It should be borne in mind that the article is submitted in partial fulfillment of the overall requirements of the degree of Master of Science (Software Engineering).

The marking scheme reflects a typical evaluation of articles submitted to workshops/conferences/journals.

Marking Scheme

The goal of the marking scheme is to evaluate a research article in such a way that it can be given a percentage value (just as an MSc (SE) thesis). This mark corresponds to 1/4 of their final degree mark.

The marking scheme is made up of two parts – a weighting factor (*wf*) and an evaluation score (*es*). The final mark (*fm*) is calculated as:

$$fm = \text{minimum}((wf*es/5), 100)$$

Weighting Factor

- + Relevance to Software Engineering: 0 (not relevant), ... 5
- + Originality and Significance: 0 (not original work or insignificant), ... 5
- + Technical Difficulty: 0 (no technical CSSE skills exhibited), ... 5

(NOTE: A score of 0 in any of these categories means that the article is not suitable for review)

Evaluation Score

- + Goal of (research) article – how well it is explained and justified: 0 – 10
- + Context and related work: 0 – 10
- + Technical Quality: 0 – 10
- + Conclusions – how well do the conclusions follow from the paper: 0 – 10
- + Presentation – quality of writing/layout/structure: 0 -10

M.Sc. in Software Engineering

EXAMINATION OF DISSERTATION (RESEARCH ARTICLE)

2003

Department of Computer Science
National University of Ireland, Maynooth

Student Name:
Title of Article:
Supervisor:
Examiner:

Relevance to Software Engineering	(0-5)	
Originality and Significance	(0-5)	
Technical Difficulty	(0-5)	
Weighting Factor	(0-15)	
Goal of (research) article – how well it is explained and justified	(0-10)	
Context and related work	(0-10)	
Technical Quality	(0-10)	
Conclusions – how well do the conclusions follow from the paper	(0-10)	
Presentation – quality of writing/layout/structure	(0-10)	
Evaluation Score	(0-50)	
FINAL %	(0-100)	

The marking scheme is made up of two parts – a weighting factor (*wf*) and an evaluation score (*es*). The final mark (*fm*) is calculated as:

$$fm = \text{minimum}(wf*es/5, 100)$$

Recommendations (for student author):

Comments (for supervisor/examining board):

Signature: _____

Date: _____

