Dear referee,

thank you for supporting DMIN'14. Papers will be evaluated for relevance to DMIN, originality, significance, information content, clarity, and soundness. Each paper will be refereed by at least two researchers in the topical area, and all reviews will be considered in the acceptance/rejection decision. Please indicate your relative confidence in a particular recommendation. To reflect upon feedback from last years you are advised to give an extended constructive feedback within the review in aligning them with the IEEE guidelines for IJCNN and WCCI.

The primary purpose of our reviews is twofold:
1. Reject very bad papers
2. Suggest improvements for the rest.

1. Try to reject "bad" papers, but also provide them with brief comments on why you rejected AND what can be done to enhance their quality. "Bad" papers deserving rejection typically have flaws like:
    - Poor or no references: Papers that cover old ground but only reference a textbook plus the author's own work are offenders.
    - English so bad as to make evaluation impossible: You can make a comment requiring mandatory English revision. Please take into account the international nature of the conference. Only if the English is so bad that you can't determine the technical quality, reject it.
    - Serious technical errors: Don't let stuff through if the results are wrong, the data is cooked, etc.

With regard to rejections, please do not shoot for some predetermined rejection percentage. In particular, we do not attempt to develop a similar rejection rate as ACM KDD or IEEE ICDM. We seek to facilitate active participation and exchange of ideas in the domain of data mining. Papers from student and researchers form lesser developed countries which may be of interest to the audience, even if covering old grounds using a modified method or applying an established method to a particular data set are welcome. While the degree of originality and significance of some papers presented at DMIN may be lower then at top conference, the facilitation of research ideas between researchers of different levels of expertise is one of the core objectives of the conference organisers!

2. If you think at least a few attendees would be interested in the work, let it in if it does not violate any aspects requiring a strong reject. If the paper is flawed, but would be of interest, please suggest mandatory revisions.

We have committed ourselves to providing enhanced feedback in comparison to previous years, in order to facilitate better understanding of established practices in how to write conference papers to some of the target audience of the conference: students and researchers from lesser developed countries. Also, we have particularly encouraged submissions of industrial applications and case studies from practitioners. To reflect the requirements of an application or

project based case study presentation, these will be subject to different review criteria. Please take general interest and presentation stronger into consideration.
Please take the time to point out the most important aspects. Detailed comments give feedback to the authors on how relevance, originality, significance, information content, technical quality and clarity can be enhanced. Please describe in detail the main paper contributions, positive aspects, observed deficiencies, and suggestions on how to improve them These are particularly valuable to the authors, even (or in particular) those submitting bad papers. Therefore please aim to give more then a few sentences, ideally a few paragraphs of feedback to each author. Don't spend an inordinate amount of time on one review. The types of revisions we can require are those that could be reasonably done in approximately two weeks. But if you can give half a page or even a page of guidance, it would be invaluable to many starting researchers that are normally not conscious of their shortcomings. Please indicate if your revision comments are mandatory. If not indicated as mandatory, we will treat them as STRONGLY recommended, but not mandatory.

Let's make this conference one whose technical quality we can be proud of, while making this a venue where people can predictably hear about each others' recent work, network and enjoy the community.

Kind regards

Robert Stahlbock

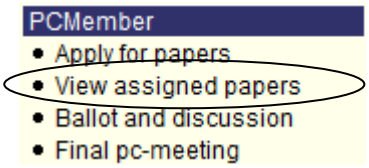
DMIN'14 General Conference Chair

The Review Process and Review Criteria

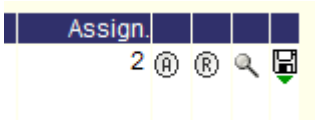
We have tried to allocate papers to you according to your preferences as much as possible. In addition, we tried to reflect your keyword interest, the length of the papers (short vs. regular) etc. in the allocation. If you encounter any problems or feel unable to review the papers assigned please contact the conference organisers as soon as possible!

To review papers, please log into the conference management system.

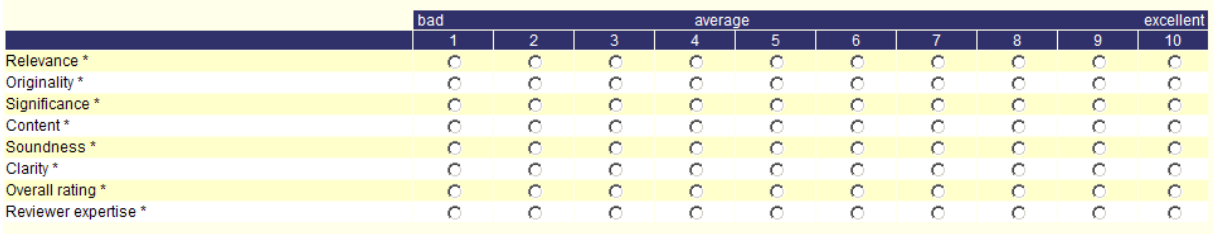
– Click on "View assigned papers" (the screenshots may vary based upon the current ConfMaster version and your conference role & duties) in the PC-Member submenu.



The assigned papers will be listed.

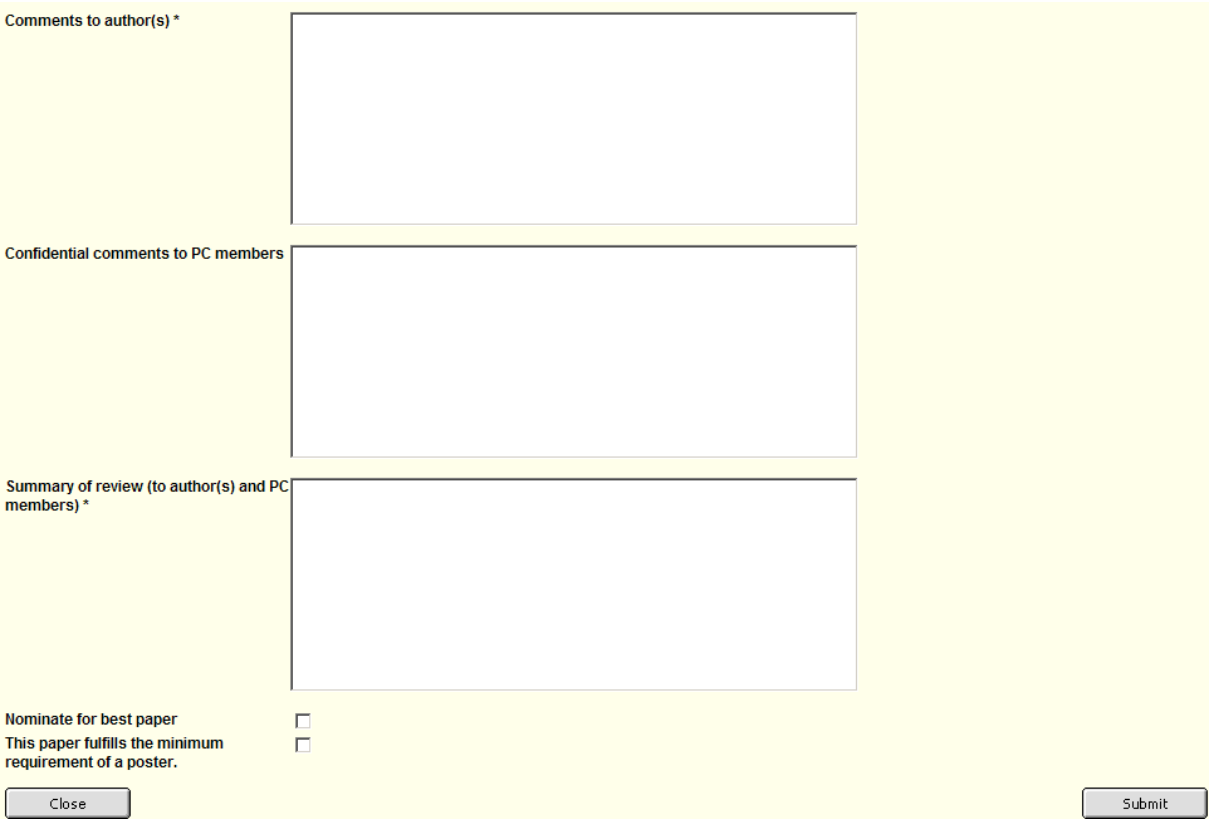


– Click on the disk symbol on the far right to download the papers assigned to you.
– Click on "R" (in circle) to input the review.



	bad					average				excellent
	1	2	3	4	5	6	7	8	9	10
Relevance *	○	○	○	○	○	○	○	○	○	○
Originality *	○	○	○	○	○	○	○	○	○	○
Significance *	○	○	○	○	○	○	○	○	○	○
Content *	○	○	○	○	○	○	○	○	○	○
Soundness *	○	○	○	○	○	○	○	○	○	○
Clarity *	○	○	○	○	○	○	○	○	○	○
Overall rating *	○	○	○	○	○	○	○	○	○	○
Reviewer expertise *	○	○	○	○	○	○	○	○	○	○

9-10	Strong Accept	unconditional acceptance as is & recommend for best paper
7-8	Accept	unconditional acceptance as is
6	Weak Accept	minor revisions & resubmit to be accepted
5	Neutral	revise & resubmit to be accepted
4	Weak Reject	mandatory revisions to be accepted, otherwise reject
2-3	Reject	significant revisions required, not feasible within given time, rejection
1	Strong Reject	unconditional rejection, no revisions possible to present paper in DMIN



Please do not forget to click the “submit” button to upload your review

Review Criteria:

Relevance	Is the topic of the paper relevant to the scope of DMIN and its participants? (or related conferences of WORLDCOMP such as ICAI etc) Does it show the potential to stimulate interactive discussion?
Originality	How novel and innovative is the paper? A paper presenting methods or application domains not frequently discussed will receive a high mark. This also takes into consideration whether the topic has been published in similar form before. If the paper contains mostly known material, i.e. established methods and well understood application domains, it is not considered very original. Empirical case studies of a particular application domain are often highly original, but may have only limited significance to the field.
Significance	Does the paper make a valuable contribution to the theory or the practice of data mining? A high significance indicates a high influence of this research on following publications in the field or applications, implications for practices, policies and future research etc. It represents an indicator of the importance of the findings, regardless of their degree of originality.
Content	What is the information content of the paper? Does the paper allow non-experts in the field to comprehend its research objective? DMIN as part of WOLRDCOMP is inherently interdisciplinary. Therefore a balanced literature review of relevant aspects, sufficient description of the application domain, methods and established best practices will be considered as good information content.
Soundness	Is the paper technically correct (considering its submission category)? What is the technical quality? **For research papers:** Quality of literature review and statement of research goals. Appropriate use of the most relevant references to indicates orientation within the field. Appropriately chosen and documented methods, logical presentation and analysis of results, findings, inferences and conclusions. Were all technical and technological aspects of the experiments well documented? (reliability) Were results compared to established benchmark practices, methods etc.? Were the results evaluated taking care of established standard procedures? (validity) **For application papers:** Creativity, leadership and excellence in professional practice, demonstrated in teaching, staff development, program or institutional development, educational media or services developments, or learning skills services.
Clarity	Is the paper well presented and organised? A well presented paper enhances the understanding of the presented content also to non experts in the field. It often shows clear and logical presentation, appropriate style, the standard of English, freedom from errors, ease of reading, correct grammar and spelling, appropriate abstract, adequate use of graphical materials and tables to support ideas & findings, conformance with DMIN specifications for referencing, length and format details. DMIN is a highly international conference, so English quality may be substandard. Please indicate mandatory revisions and the need for corrections through a native English speaker, if the content of the paper is still comprehensible. Indicate it if the level of English prohibits an understanding of the thoughts presented.
Overall rating	All aspects will be evaluated and combined to an overall rating, providing a suggestion for acceptance or rejection of the paper.

Reviewer expertise & confidence	The combined overall ranking will be weighted with each reviewers expertise in the area. A reviewer's expertise for a topic indicates how familiar he is with current research, publications, best practices and applications in the field. Is he familiar with the references? Reviewers with a high confidence will be able to evaluate a paper more accurate then a reviewer with little expertise in the field.

Detailed Comments	Try to provide constructive criticism that allows feedback on what to change for a resubmission or even future submission to other conferences. You may not need to comment on all aspects. Think of a student learning to ski – just indicate the next steps to alleviate the paper to a higher level. Please indicate spelling mistakes and inconsistencies in equations if there are not too many. In your comments, please pay particular attention to - the suitability of the title & adequacy of the abstract - tables & illustrations regarding readability - length & formatting of the paper - conclusions - references - plagiarism