Template for Preparation of Manuscripts for Intelligent and Converged Networks

This template is to be used for preparing manuscripts for submission to *Intelligent and Converged Network.* Use of this template will save time in the review and production processes and will expedite publication. Do not modify the template in any way (delete spaces, modify font size/line height, etc.).

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Type author names here. The font is Calibri "\size{5}". Please spell out first names and surnames. Place an "∗" by the corresponding author(s). For example, First A. Author, Second B. Author∗, and Third C. Author

Abstract: Type your abstract text here. The font is Calibri \size{5-}. All manuscripts must be accompanied by an abstract which briefly summarizes the reasons for the work, the methods, the main results and conclusions of the study. The optimal length is one paragraph (100-250 words). Since the abstract is indexed in many da-tabases it should be self-contained without any undefined abbreviations or any cited references.

Key words: Type keywords (3 to 8 keywords) here. The font is Calibri \size{5-}. For example, gene regulation; ...

Instructions for Using the Template

1. You can simply type your text into this template or modify an already prepared manuscript based on the template formatting.
2. All Schemes, Equations, Figures, and Tables should be mentioned in the text consecutively and numbered with Arabic numerals, and appear below where they are mentioned for the first time in the main text. To insert Schemes, Equations, Figures, and Tables, create a new break line and paste the resized artworks where desired. Do not modify the amount of space before and after the artworks. One- or two-column format artworks are preferred.
3. Save the file with the graphics in place as a Word document.
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Manuscript text. The font is Calibri \size{5}. The text may include an introduction, experimental details, theoretical basis, results, discussion, and conclusions. For articles, please use the decimal system of headings with no more than three levels.

Examples:

1 Introduction

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

Type the author's affiliation together with E-mail address here. The font is Calibri \size{6}. For example,

● First A. Author and Second B. Author are with the Department, University, City and Postcode, Country. E-mail:

● Third C. Author is with the Department, University, City and Postcode, Country. E-mail:

∗ To whom correspondence should be addressed.

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2   Experimental

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

3   Results and Discussion

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

3.1   Cutoff pair interactions on GPUs

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

3.2   Cutoff pair interactions on GPUs

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

3.2.1   Cutoff pair interactions on GPUs

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

3.2.2   Cutoff pair interactions on GPUs

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

Lemma 1 From $\Omega_{I_p}(\mathcal{T}, \mathcal{R})$, the probability of computing tag t_i's K_i or the current session key K_{ji} maintained in r_j is negligible.

Proof The messages in $\Omega_{I_p}(\mathcal{T}, \mathcal{R})$ that do not involve K_i or K_{ji} do not give any advantage in obtaining these keys. K_i is used in the form of $E.K_i(K_{ji}||\text{ID}_{\mathcal{T}}^i)$ and K_{ji} is used in the form of $E.K_i(K_{ji}||\text{ID}_{\mathcal{T}}^i)$, $E.K_{ji}(\delta||\text{ID}_{\mathcal{T}}^i)$, and $E.K_{ji}(\delta||K_{ji}'||E.K_i(K_{ji}'||\text{ID}_{\mathcal{T}}^i))$. By Lemma 1, even if adversaries obtain many values of these forms, it is computationally infeasible to obtain K_i. As a result, when the length of K_i and K_{ji} is both l_{key}, the probability of computing one of these keys is $1/2^{l_{\text{key}}}$. If l_{key} is sufficiently long, this is negligible. Therefore, this lemma holds. ∎

4   Conclusions

For example: The parallelization of cutoff pair interactions is mature on CPUs, and typically employs a voxel-based method.

References to the literature are cited by *number in square brackets* at appropriate locations (*before* a period, comma, etc.) in the text.

Examples:
- Negotiation research spans many disciplines [3].
- This result was later contradicted by Becker and Seligman [5, 6], who ....
- This effect has been widely studied [1-3, 7].
- ......achieved until rather recently [11, 21, 22], with......
- ......stage of cap formation (see Fig. 5 in Ref. [14]).

References

The font is Calibri \size{5-}. This part is placed at the end of the manuscript. References should be numbered sequentially as they appear throughout the text. Only one publication should be given for each number. The list of references should only include papers that have been published or accepted by a named publication or recognized preprint server.   Authors should ensure the accuracy and completeness of all references before submission. Please ensure references are given in the correct style as shown below in order to avoid delays in typesetting your article

References

[1]   M. Abrahams and M. Kattenfeld, The role of turbidity as a constraint on predator-prey interactions in aquatic

environments, *Behav. Ecol. Sociobiol.,* vol. 40, no. 3, pp.169-174, Mar. 1997. **(Journal style)**

[2]   R. C. Calfee and R. R. Valencia, *APA Guide to Preparing Manuscripts for Journal Publication*. Washington, DC: American Psychological Association, 1991. **(Authored book style)**

[3]   J. M. O'Neill and J. Egan, Men's and women's gender role journeys: metaphor for healing, transition, and transformation, in *Gender Issues Across the Life Cycle*, B. R. Wainrib, Ed. New York: Springer, 1992, pp. 107-123. **(Book chapter style)**

[4]   J. C. Phelan, B. G. Link, A. Stueve, and B. A. Pescosolido, Have public conceptions of mental health changed in the past half century? Does it matter? presented at the 124th Annu. Meeting American Public Health Association, New York, USA, 1969. **(Paper presented at conferences style)**

[5]   A. Mahdavi and B. Spasojevic, Incorporating simulation into building systems control logic, in *Proc. 10th Int. Building Performance Simulation Association Conf.*, Beijing, China, 2007, pp. 1175-1181. **(Paper in proceedings style)**

[6]   X. Yang, Study of building material emissions and indoor air quality, Ph.D. dissertation, Dept. Arch., MIT, MA, USA, 1999. **(Dissertation style)**

[7]   J. Dong, S. Martin, and P. Waldo, Method and system for dynamically presenting cluster analysis results, US Patent US6380937B1, March 30, 2002. **(Patent style)**

[8]   Y. Jiang, Liquid desiccant air-conditioning system and its applications, (in Chinese), *Heating Ventilating & Air Conditioning*, vol. 34, no. 11, pp. 88-97, 2004. **(Non-English publication style)**

[9]   M. K. Slifka and J. L. Whitton, Clinical implications of dysregulated cytokine production, *J. Mol. Med.*, doi:10.1007/s001090000086. **(Article by DOI style)**

[10]   J. Doe. The dictionary of substances and their effects, http://www.rsc.org/dose/title, 1999. **(Online document style)**

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