

# Instructions for Preparation and Submission of Papers for the International Workshop on Data Analytics and Mathematical Modeling within the 15th CSIT Conference

First-Name Second-Name  
University Name  
City, Country  
email: email1@email.com

First-Name Second-Name  
University Name  
City, Country  
email: email2@email.com

First-Name Second-Name  
University Name  
City, Country  
email: email3@email.com

**Abstract**—This paper provides the instructions for the preparation of papers for submission to the International Workshop on Data Analytics and Mathematical Modeling within the 15th CSIT Conference and relevant style file that produced this page.

**Keywords**— Computer science, informatics, information technology.

## I. INTRODUCTION

The International Workshop on Data Analytics and Mathematical Modeling is organized within the CSIT conference by Institute for Informatics and Automation Problems of the National Academy of Sciences of Armenia and University of Georgia. Conference days 26-28 of June, 2024, Tbilisi.

The major topics include, but are not limited to the following:

- Mathematical modeling, including numerical analysis, coding theory, graph theory and combinatorics
- Artificial intelligence and machine learning
- Big data and data analytics
- High-Performance computing, network and internet of things
- Applications in engineering, natural sciences, social sciences, computer science

## II. PREPARATION OF THE PAPER

Authors are encouraged to use LaTeX to prepare their extended abstracts, using the style file and example on the conference web-site. Authors using other means to prepare their abstracts should attempt to duplicate the style of the example as closely as possible.

Authors are invited to submit papers in PDF format (template is available on the Conference website) by submission system.

Submitted papers will be double-blind peer reviewed by at least two reviewers.

All papers accepted and presented at the workshop will be included in Special Issues.

## III. DETAILS

### A. Contact Address

- Institute for Informatics and Automation Problems, 1, P.Sevak str., Yerevan, 0014, Armenia  
e-mail: csit@sci.am  
phone: (+37410) 527090
- University of Georgia, 77a, Merab Kostava str.,  
e-mail: m.buzhghulashvili@ug.edu.ge  
phone: (+995) 571004748

### B. Important Dates

Abstract (up to 4 pages in length) submission deadline, 31 of March, 2024

Notification of Accept/Reject, 15 of April, 2024

Final Paper, 15 of May, 2024

Conference days 26-28 of June, 2024

### C. Examples of Theorem

*Theorem 1:* This is the sample theorem...

*Proof:* The proof of the theorem.  $\square$

## IV. EXAMPLES OF REFERENCE ITEMS

The list of references is given in the order of citing. Examples of reference items of different categories shown in the References section include:

- example of a book in [1]
- example of a book in a series in [2]
- example of a journal article in [3]
- example of a conference paper in [4]
- example of a patent in [5]
- example of a website in [6]
- example of a web page in [7]
- example of a databook as a manual in [8]
- example of a datasheet in [9]
- example of a master's thesis in [10]
- example of a technical report in [11]
- example of a standard in [12]

## ACKNOWLEDGMENT

The authors would like to thank various sponsors for supporting their research.

## REFERENCES

- [1] T. M. Cover and J. A. Thomas, *Elements of Information Theory*, Second Edition. Wiley, New York, 2006.
- [2] J. Breckling, Ed., *The Analysis of Directional Time Series: Applications to Wind Speed and Direction*, series, Lecture Notes in Statistics, Berlin, Germany: Springer, vol. 61, 1989
- [3] C. C. Leang and D. H. Johnson, "On the asymptotics of M-hypothesis Bayesian detection", *IEEE Transactions on Information Theory*, vol. 43, no. 1, pp. 280–282, 1997.
- [4] E. Haroutunian, M. Haroutunian and N. Afshar, "Random coding bound for E-capacity of the wiretap channel", *Proceedings of International Conference Computer Science and Information Technologies*, Yerevan, Armenia, pp. 121–124, 2011.
- [5] R. E. Sorace, V. S. Reinhardt and S. A. Vaughn, "High-speed digital-to-RF converter", U.S. Patent 5 668 842, Sept. 16, 1997.
- [6] (2002) The IEEE website. [Online]. Available: <http://www.ieee.org/>
- [7] M. Shell, (2002) IEEEtran homepage on CTAN. [Online]. Available: <http://www.ctan.org/tex-archive/macros/latex/contrib/supported/IEEEtran>
- [8] FLEXChip Signal Processor (MC68175/D), Motorola, 1996.
- [9] "PDCA12-70 data sheet", Opto Speed SA, Mezzovico, Switzerland.
- [10] A. Karnik, "Performance of TCP congestion control with rate feedback: TCP/ABR and rate adaptive TCP/IP", M. Eng. thesis, Indian Institute of Science, Bangalore, India, 1999.
- [11] J. Padhye, V. Firoiu and D. Towsley, "A stochastic model of TCP Reno congestion avoidance and control," Univ. of Massachusetts, Amherst, MA, CMPSCI Tech. Rep. 99-02, 1999.
- [12] *Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specification*, IEEE Std. 802.11, 1997.