<<PAPER ID>>

The Title of the Paper Goes Here (typically ten words or less)

The names of all authors go here

# Abstract

Include a short abstract that accurately describes the technical content of the paper. Typically, the abstract will be the same as that submitted initially to the AACE International Call for Papers; however as the paper itself is being written, the abstract may need to be updated to reflect the finished paper. The abstract should be approximately 100 to 200 words in length.

For additional information refer to the following two documents (both available at web.aacei.org):

1. AACE International Technical Paper Style Guide
2. AACE International Conference & Expo Technical Paper Guidelines

The paper must include a table of contents that identifies page numbers for all Level 1, Level 2, and Level 3 headings.

# Table of Contents

Abstract 1

Table of Contents 2

Introduction 3

Heading 1 3

Heading 2 3

Heading 3 3

Conclusion 4

References 4

# Introduction

Present an introduction to the paper that may expand upon the abstract. This should tell reader the topics that are to be presented and outline the structure of the paper.

# Heading 1

There are two goals for AACE International Conference & Expo papers. The first is to teach the reader about a subject for which they may have little or no knowledge. The second related goal is to clearly convey concepts and develop the subject thoroughly enough for the reader to put an idea into immediate use.

The manuscript should typically include between 3,000 and 12,000 words, not including the abstract, table of contents, bibliography, and appendices. However, do not be constrained by word count. Break concepts down into the simplest step-by-step explanations. Use examples, figures, tables, etc. to illustrate key points. Do not use jargon, and avoid obscure technical terms. Finally, write the paper so that the idea can be read and understood by a wide audience.

All AACE International technical documents shall be written in third person form. A technical writing style (not conversational) must be employed. Documents should be easy to read and grammatically correct. Humor should be avoided, and the inclusion of cartoons is prohibited.

Heading 2

Heading 3

Sample of a table and caption

|  |  |
| --- | --- |
| Name | Date |
| AACE Table | January 18, 2018 |

Table 1 – Caption

Please use the styles included in this template (Ctrl+Alt+Shift+S):



Figure 1 – List of Styles

# Conclusion

A conclusion should clearly demonstrate that everything promised in the abstract and introduction has been addressed.

When using citations be sure to include a reference (with page numbers, if applicable.) For instance:

“One way that TCM[[1]](#footnote-1) adds value to the body of cost engineering knowledge is that it integrates areas of cost management that are too often treated as separate entities or fields.” [1, pp. 65-96]

Direct citations need to be quoted and referenced, while paraphrasing only requires a reference.

Below are some sample references. In Word, to manage your references use “References -> Manage Sources”. The style should be “IEEE”.

# References

|  |  |
| --- | --- |
| [1] | H. L. Stephenson, Ed., Total Cost Management Framework: An Integrated Approach to Portfolio, Program and Project Management, 2nd ed., Morgantown, WV: AACE International, Latest revision. |
| [2] | AACE International, Professional Guidance Document (PGD) 01, Guide to Cost Estimate Classification, Morgantown, WV: AACE International, Latest revision. |
| [3] | AACE International, Professional Guidance Document (PGD) 02, Guide to Quantitative Risk Analysis, Morgantown, WV: AACE International, Latest revision. |
| [4] | AACE International, Recommended Practice No. 96R-18, Cost Estimate Classification System – As Applied in Engineering, Procurement, and Construction for the Power Transmission Line Infrastructure Industries, Morgantown, WV: AACE International, Latest revision. |
| [5] | AACE International, Recommended Practice No. 90R-17, Statusing the CPM Schedule - As Applied in Construction, Morgantown, WV: AACE International, Latest revision. |
| [6] | AACE International, Recommended Practice No. 87R-14, Cost Estimate Classification System – As Applied in Engineering, Procurement, and, Morgantown, WV: AACE International, Latest revision. |
| [7] | AACE International, Recommended Practice No. 84R-13, Planning and Accounting for Adverse Weather, Morgantown, WV: AACE International, Latest revision. |
| [8] | AACE International, Recommended Practice No. 82R-13, Earned Value Management (EVM) Overview and Recommended Practices Consistent with EIA-748-C, Morgantown, WV: AACE International, Latest revision. |
| [9] | AACE International, Recommended Practice No. 80R-13, Estimate at Completion (EAC), Morgantown, WV: AACE International, Latest revision. |
| [10] | AACE International, Recommended Practice No. 72R-12, Developing a Project Risk Management Plan, Morgantown, WV: AACE International, Latest revision. |
| [11] | AACE International, Recommended Practice No. 70R-12, Principles of Schedule Contingency Management - As Applied in Engineering, Procurement, and Construction, Morgantown, WV: AACE International, Latest revision. |
| [12] | AACE International, Recommended Practice No. 68R-11, Escalation Estimating Using Indices and Monte Carlo Simulation, Morgantown, WV: AACE International, Latest revision. |
| [13] | AACE International, Recommended Practice No. 67R-11, Contract Risk Allocation, Morgantown, WV: AACE International, Latest revision. |
| [14] | AACE International, Recommended Practice No. 66R-11, Selecting Probability Distribution Functions for Use in Cost and Schedule Risk Simulation Models, Morgantown, WV: AACE International, Latest revision. |
| [15] | AACE International, Recommended Practice No. 65R-11, Integrated Cost and Schedule Risk Analysis and Contingency Determination Using Expected Value, Morgantown: AACE International, Latest revision. |
| [16] | AACE International, Recommended Practice No. 64R-11, CPM Schedule Risk Modeling and Analysis: Special Considerations, Morgantown, WV: AACE International, Latest revision. |
| [17] | AACE International, Recommended Practice No. 63R-11, Risk Treatment, Morgantown, WV: AACE International, Latest revision. |
| [18] | AACE International, Recommended Practice No. 62R-11, Risk Assessment: Identification and Qualitative Analysis, Morgantown, WV: AACE International, Latest revision. |
| [19] | AACE International, Recommended Practice No. 60R-10, Developing the Project Controls Plan, Morgantown, WV: AACE International, Latest revision. |
| [20] | AACE International, Recommended Practice No. 58R-10, Escalation Estimating Principles and Methods Using Indices, Morgantown, WV: AACE International, Latest revision. |
| [21] | AACE International, Recommended Practice No. 57R-09, Integrated Cost and Schedule Risk Analysis Using Monte Carlo Simulation of a CPM Model, Morgantown, WV: AACE International, Latest revision. |
| [22] | AACE International, Recommended Practice No. 56R-08, Cost Estimate Classification System – As Applied in Engineering, Procurement, and Construction for the Building and General Construction Industries, Morgantown, WV: AACE International, Latest revision. |
| [23] | AACE International, Recommended Practice No. 54R-07, Recovery Scheduling - As Applied in Engineering, Procurement, and Construction, Morgantown, WV: AACE International, Latest revision. |
| [24] | AACE International, "Recommended Practice No. 53R-06, Schedule Update Review - As Applied in Engineering, Procurement, and Construction," AACE International, Morgantown, Latest revision. |
| [25] | AACE International, Recommended Practice No. 52R-06, Time Impact Analysis – As Applied in Construction, Morgantown, WV: AACE International, Latest revision. |
| [26] | AACE International, Recommended Practice No. 50R-16, Trending and Forecasting of CPM Schedules, Morgantown, WV: AACE International, Latest revision. |
| [27] | AACE International, Recommended Practice No. 47R-11, Cost Estimate Classification System – As Applied in Engineering, Procurement, and Construction for the Mining and Mineral Processing Industries, Morgantown, WV: AACE International, Latest revision. |
| [28] | AACE International, Recommended Practice No. 46R-11, Required Skills and Knowledge of Project Cost Estimating, Morgantown, WV: AACE International, Latest revision. |
| [29] | AACE International, Recommended Practice No. 44R-08, Risk Analysis and Contingency Determination Using Expected Value, Morgantown, WV: AACE International, Latest revision. |
| [30] | AACE International, Recommended Practice No. 43R-08, Risk Analysis and Contingency Determination Using Parametric Estimating – Example Models as Applied for the Process Industries, Morgantown, WV: AACE International, Latest revision. |
| [31] | AACE International, Recommended Practice No. 42R-08, Risk Analysis and Contingency Determination Using Parametric Estimating, Morgantown, WV: AACE International, Latest revision. |
| [32] | AACE International, Recommended Practice No. 41R-08, Understanding Estimate Ranging, Morgantown, WV: AACE International, Latest revision. |
| [33] | AACE International, Recommended Practice No. 40R-08, Contingency Estimating – General Principles, Morgantown, WV: AACE International, Latest revision. |
| [34] | AACE International, Recommended Practice No. 38R-06, Documenting the Schedule Basis, Morgantown, WV: AACE International, Latest revision. |
| [35] | AACE International, Recommended Practice No. 36R-08, Development of Cost Estimate Plans – As Applied in Engineering, Procurement, and Construction for the Process Industries, Morgantown, WV: AACE International, Latest revision. |
| [36] | AACE International, Recommended Practice No. 35R-09, Development of Cost Estimate Plans – As Applied for the Building and General Construction Industries, Morgantown, WV: AACE International, Latest revision. |
| [37] | AACE International, Recommended Practice No. 34R-05, Basis of Estimate, Morgantown, WV: AACE International, Latest revision. |
| [38] | AACE International, Recommended Practice No. 33R-15, Developing the Project Work Breakdown Structure, Morgantown, WV: AACE International, Latest revision. |
| [39] | AACE International, Recommended Practice No. 32R-04, Determining Activity Durations, Morgantown, WV: AACE International, Latest revision. |
| [40] | AACE International, Recommended Practice No. 31R-03, Reviewing, Validating, and Documenting the Estimate, Morgantown, WV: AACE International, Latest revision. |
| [41] | AACE International, Recommended Practice No. 29R-03, Forensic Schedule Analysis, Morgantown, WV: AACE International, Latest revision. |
| [42] | AACE International, Recommended Practice No. 28R-03, Developing Location Factors by Factoring, Morgantown, WV: AACE International, Latest revision. |
| [43] | AACE International, Recommended Practice No. 27R-03, Schedule CLassification System, Morgantown, WV: AACE International, Latest revision. |
| [44] | AACE International, Recommended Practice No. 25R-03, Estimating Lost Labor Productivity in Construction Claims, Morgantown, WV: AACE International, Latest revision. |
| [45] | AACE International, Recommended Practice No. 21R-98, Project Code of Accounts - As Applied in Engineering, Procurement, and Construction, Morgantown, WV: AACE International, Latest revision. |
| [46] | AACE International, Recommended Practice No. 20R-98, Project Code of Accounts, Morgantown, WV: AACE International, Latest revision. |
| [47] | AACE International, Recommended Practice No. 18R-97, Cost Estimate Classification System – As Applied in Engineering, Procurement, and Construction for the Process Industries, Morgantown, WV: AACE International, Latest revision. |
| [48] | AACE International, Recommended Practice No. 17R-97, Cost Estimate Classification System, Morgantown, WV: AACE International, Latest revision. |
| [49] | AACE International, Recommended Practice No. 14R-90, Roles and Duties of a Planning and Scheduling Professional, Morgantown, WV: AACE International, Latest revision. |
| [50] | AACE International, Recommended Practice No. 11R-88, Required Skills and Knowledge of Cost Engineering, Morgantown, WV: AACE International, Latest revision. |
| [51] | AACE International, "Recommended Practice No. 117R-21, Integrated Cost and Schedule Risk Analysis and Contingency Determination Using a Hybrid Parametric and CPM Method," AACE International, Morgantown WV, Latest revision. |
| [52] | AACE International, Recommended Practice No. 114R-20, Project Historical Database Development, Morgantown, WV: AACE International, Latest revision. |
| [53] | AACE International, Recommended Practice No. 113R-20, Integrated Cost and Schedule Risk Analysis and Contingency Determination using Combined Parametric and Expected Value, Morgantown, WV: AACE International, Latest revision. |
| [54] | AACE International, Recommended Practice No. 112R-20, Cost Estimate Classification System – As Applied in Maintenance Turnarounds for the Process Industries, Morgantown, WV: AACE International, Latest revision. |
| [55] | AACE International, Recommended Practice No. 110R-20, Cost Estimate Validation, Morgantown, WV: AACE International, Latest revision. |
| [56] | AACE International, Recommended Practice No. 10S-90, Cost Engineering Terminology, Morgantown, WV: AACE International, Latest revision. |
| [57] | AACE International, Recommended Practice No. 106R-19, Development of Cost Estimate Basis – As Applied in Engineering, Procurement, and Construction for the Process Industries, Morgantown, WV: AACE International, Latest revision. |
| [58] | AACE International, Recommended Practice No. 105R-19, Estimate Requirements Document - As Applied in Engineering, Procurement, and Construction for the Process Industries, Morgantown: AACE International, Latest revision. |
| [59] | AACE International, Recommended Practice No. 104R-19, Understanding Estimate Accuracy, Morgantown, WV: AACE International, Latest revision. |
| [60] | AACE International, Recommended Practice No. 100R-19, Change Management as Applied in Engineering, Procurement, and Construction, Morgantown, WV: AACE International, Latest revision. |

Author Name

Author Affiliation

Author Email Address

1. TCM stands for Total Cost Management [↑](#footnote-ref-1)