



## **2019 ISA Calgary Show Conference**

### **Writing an Abstract**

#### **What is an "Abstract?"**

An abstract is a stand-alone statement that briefly conveys the essential information of a proposed paper or presentation. It provides an overview of the motivation, objective, methods, results, and conclusions of the proposed work in a brief, non-repetitive style.

#### **What is the purpose of an abstract?**

Your Abstract is a "proposal" for what you are planning to present. Typically, a technical presentation will address a new method or technology that overcomes shortcomings or limitations in current methods. The abstract will allow the Calgary ISA Program committee to determine the suitability of the presentation, as well as determining the session best be scheduled in. A good abstract entices reader want to learn more about your research and presentation.

#### **What is the format for a good abstract?**

- A good abstract will contain the following topics
- Presentation Title
- Author Information (including name, professional designations and employer)
- Keywords
- Acronyms
- Summary of the Technical Presentation. The summary usually consists of 1-2 paragraphs and is about 300 words long.

#### **Components of an abstract:**

- The key components that are addressed can include:
- A description of why the current situation is a concern to industry.
- What practical, scientific, theoretical or operational gap is your research filling?
- Methods or technologies that were employed to address the concern.
- Field results that prove the validity of the new methods or technologies.

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## References for Abstracts

The following links provide useful hints in the preparation of an abstract:

- <http://research.berkeley.edu/ucday/abstract.html>
- <http://www.ece.cmu.edu/~koopman/essays/abstract.html>
- [http://en.wikipedia.org/wiki/Abstract\\_%28summary%29](http://en.wikipedia.org/wiki/Abstract_%28summary%29)
- [http://employees.oneonta.edu/ebertjr/what\\_is\\_an\\_abstract.htm](http://employees.oneonta.edu/ebertjr/what_is_an_abstract.htm)
- <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3136027>
- [http://www.csus.edu/org/swaa/student\\_abstract\\_guide](http://www.csus.edu/org/swaa/student_abstract_guide)
- [http://www.erscongress2010.org/uploads/Document/ad/WEB\\_CHEMIN\\_5619\\_1261125516](http://www.erscongress2010.org/uploads/Document/ad/WEB_CHEMIN_5619_1261125516)