**ACM TOCE Structured Abstracts Proposal**

**July, 2019**

*Background*

*Computer Science Education* requires a uniform format for all abstracts in order to highlight key aspects of your work for potential readers. I think this is a great idea that could improve the review process of ACM TOCE, as well as make TOCE’s articles more readable. I invite you to review Computer Science Education’s abstract format. Please provide constructive feedback and comments. How can it be improved? I have given TOCE Board members “Suggesting” privileges to add comments and edits. I’ll keep this open until August 16, at which point I’ll email an update to the board. Thanks in advance for your participation!

*Structured abstract (quoted directly from CSE website)*

Each section of the structured abstract should be clearly indicated with a bold-faced heading at the start of the paragraph, and they should appear exactly in the order outlined below. For each section of the abstract, provide a brief description (about 2-3 sentences) that addresses the prompt.

· **Background and Context**: Describe the problem space you are working in and why the problem you are addressing is relevant and important for the CS education community. It is helpful to capture details about the unit of analysis under study: who the intended learner is, what content is being learned, and where the learning is taking place.

· **Objective**: Plainly state what you are trying to achieve or find out. For an empirical study, this may be formulated somewhat like a hypothesis; for a review article, you will want to capture the main goal of the review.

· **Method**: Introduce the study design and methods you used for this work. For empirical studies, readers should have a good idea of the particular data collection and analysis techniques to be applied in the article. Use specific names for the methods you employ and avoid general descriptors like “statistical” or “qualitative”. Review articles should describe how literature was identified and synthesized. (However, a formal meta-analysis procedure is not necessarily required for a high-quality review article.)

· **Findings**: Briefly state what you found, especially as it pertains to the objective stated earlier.

· **Implications**: Identify 1-2 implications or contributions of this work for the CS Education research community within and/or beyond your specific study context. What do your findings above have to say about work in this field?