

# Intelligent Tutoring Systems Conference (ITS) 2018

Montreal, Quebec, Canada

## Industry Track Proceedings

Included herein are the industry track proceedings for the ITS 2018 Conference held in Montreal, Quebec, Canada. The industry track is composed of two workshops held on Tuesday, 12 June 2018 at the University of Quebec at Montreal (UQAM). The two workshops are:

W7 – ITS Applications  
W8 - Standards for Adaptive Instructional Systems

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## Preface

First, I would like to thank all of the authors, speakers, and workshop committee members who contributed to a very successful industry track. The two workshops that made up the ITS Conference industry track were conducted on 12 June 2018 at the University of Quebec at Montreal (UQAM). Workshop 7 was focused on tools and methods used to author, distribute, manage, and experimentally evaluate Intelligent Tutoring Systems (ITSs) and their component technologies in support of adaptive instruction. Adaptive instruction uses computers and AI to tailor training and educational experiences to the goals, learning needs, and preferences of each individual learner and team of learners. The ITS Applications Workshop (Workshop 7) was proposed to engage ITS users, developers, and collaborators in a discussion of their applications, tools, methods, and general experiences with ITSs.

Workshop 8 was focused on exploring opportunities for standards for a class of technologies known as Adaptive Instructional Systems (AISs). Adaptive instruction uses computers and AI to tailor training and educational experiences to the goals, learning needs, and preferences of each individual learner and team of learners. In December 2017, the IEEE Learning Technologies Standards Committee (LTSC) approved the formation of a study group to examine the feasibility and efficacy of standards for AISs. This workshop (along with workshops at other conferences) were proposed to expose the broader ITS community to recent activities and plans, and solicit input on low hanging fruit (near-term opportunities) to develop AIS standards. In June 2018, the IEEE approved the formation of a working group to begin the task of forming AIS standards. If you have interest in participating in IEEE Project 2247, please sign up through the Center for Adaptive Instructional Sciences (CAIS) at [instructionalsciences.org](http://instructionalsciences.org).

June 2018  
Robert Sottolare

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