# Consortium of Advanced Learning
# Theories, Technologies, Applications, & Impacts
# Virtual Seminar 2018-2019

## You are Invited to the ALTTAI Virtual Seminar

### ALTTAI Directors

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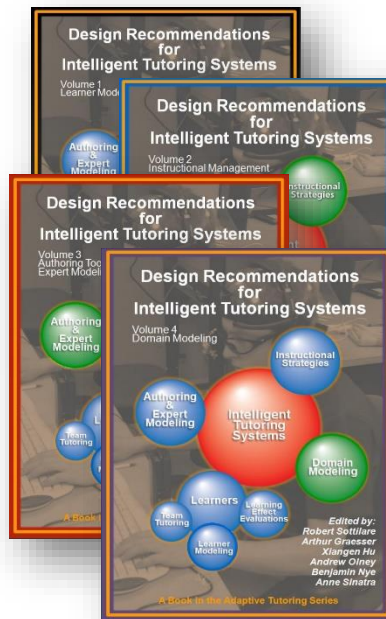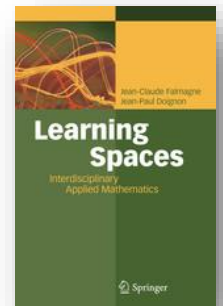**Contact:  Jody Cockroft**

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Dear Colleague,

Each year, ALTTAI consortium organizes a weekly virtual seminar on advanced topics in learning sciences and technologies. In the past two years, our virtual classes covered learning space theory. Students from all four institutions benefited from the weekly interactive research activities.

We will continue this ALTTAI collaborative research tradition with our weekly virtual seminars. In the next few years, we will systematically cover advanced research topics in Adaptive Instructional Systems (AIS).  Our goal is to educate all participants and make them familiar with current research and development, and application of AIS. Our textbooks will be four volumes of the *Design Recommendations for Intelligent Tutoring Systems.*

If you are interested in this virtual seminar, please sign-up here

http://tiny.cc/alttai_vs

ALTTAI Weekly Virtual Seminar is one of the signature activities of the consortium. The weekly seminar has been a collaborative platform for relevant faculty members, graduate students, and industry partners.

- There is a theme for each year. The theme of each year will be determined during ALTTAI annual learning sciences summit.
- The weekly seminar will be 60 minutes in the morning (US CST), afternoon (Europe CET), and evening (China BJT).
- Weekly Seminar will observe national holidays of the perspective countries/regions.
- There will be no seminar during university holidays for UM, CCNU, NTCU, TUGraz.
- The activities and presentations are organized by graduate students from each of the institutions.

**There three possible types of content of ALTTAI Seminar on any given day:**

- Invited lecture from guests. We will invite researchers from relevant research areas to give lectures. This will be about 10% of the seminar.
- Review and demonstration of new technologies. We will frequently explore new learning systems and data analytical methods. This will be about 20% of the seminars.
- Presentations of papers on a relevant theme. Students (and participants from industry partners) form a team to introduce recent studies from selected research theme.

**Requirements for participation:**

- Participation:
    - Students from each of the ALTTAI consortium institutions are welcome.
    - Researchers from partnership industries are invited
- Preparation:
    - Agenda will be available two weeks prior to each seminar. Participants are required to prepare for the seminar:
        - Read-ahead papers for invited lectures and student presentations
        - Functional computers to be ready for technology review.
- Presentation: Presentation teams need to prepare their presentations in the following fixed format:
    - One of the presenters spends 30 minutes to provide an overview of the paper.
    - The remain three presenters present 10 minutes in Ignite-style that have the following elements:
        - What has been done by the author(s)? – 1 minute.
        - What is the theoretical foundation of the chapter? - 1 minute.
        - What is (are) the basic assumption(s) of the chapter? - 2 minutes.
        - What would happen if one of the assumptions is not supported? - 2 minutes.
        - What would you do to improve the article if you write it today? - 4 minutes.

The relevant theme of focus in 2018-2019 is Learning Modeling in Intelligent Tutoring Systems. The articles are selected from the first volume of the Design Recommendations for Intelligent Tutoring Systems. http://tiny.cc/GIFTBook1.

**Student organizer for 2018-2019 are**

- Genghu Shi: The University of Memphis
- Ji Peng: Central China Normal University
- Carla Barreiros: Graz University of Technology
- Kai-Chih Pai: National Taichung University of Education