

## Call for Contributions

### Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

**1. Inform the Chair:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=eLmL+2020+Special>

Please select Track Preference as **STEAM**

Special track

## **STEAM: Student Retention in STEAM (Science Technology Engineering Arts Mathematics)**

### Chairs and Coordinators

Dr. Komalpreet Kaur, Assistant Professor, Salem State University, Salem, USA  
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along with

**eLmL 2020**, The Twelfth International Conference on Mobile, Hybrid, and On-line Learning

<https://www.iaria.org/conferences2020/eLmL20.html>

November 21 - 25, 2020 - Valencia, Spain

Science, Technology, Engineering, Arts, and Mathematics, STEAM in short, have been recognized as important fields of study for today's students. This is why STEM and STEAM have become popular terms these days. Earlier, Arts was not a part of it and thus STEM became a popular term, but since the field of Arts complements the analytical fields, it is as if the left side and right side of the brain come together, and thus the more recent term for it is STEAM now.

Student retention is an important concern for every school authority and faculty alike. There are many factors at play that impact the number of students who continue their study and looking into STEAM fields may provide important insight. The focus of this track is to promote studies in the retention of students in these fields. These studies may include, for example, to name a few: retention of student population in general, retention of female students, and first generation college students.

Dropout, Withdraw, and Fail rates (DFW) rates may be considered for studying student retention. Studies may also consider teaching pedagogies, for example, peer learning, using supplemental instructions, and such pedagogies in classrooms to improve retention as well as to study the impact of such pedagogies.

### Topics include, but not limited to:

- Student retention in STEAM
- Female student retention in STEAM
- Drop-out-Fail-Withdraw (DFW) rates in STEAM
- First generation college student retention in STEAM
- Impact of Supplemental Instruction (SI) in improving student retention in STEAM

- Teaching pedagogies to improve student retention in STEAM

### **Contribution Types**

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Presentations: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Demos: two pages [posted on [www.aria.org](http://www.aria.org)]

### **Important Datelines**

Inform the Chair: As soon as you decide to contribute

Submission: September 21

Notification: October 11

Registration: October 21

Camera-ready: October 21

*Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

### **Paper Format**

- See: <http://www.aria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.aria.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

### **Paper Submission**

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=eLmL+2020+Special>

Please select Track Preference as **STEAM**

### **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.aria.org/registration.html>

### **Contacts**

Chair :

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