

# **KME 40<sup>th</sup> Biennial Convention Call for Presentation abstracts**

*The 2015 National Convention of Kappa Mu Epsilon will be held at Florida Delta Chapter, Embry-Riddle Aeronautical University, Daytona Beach, Florida, April 9-11, 2015.*

## **Student Presentations (Abstracts are due March 1, 2015)**

A significant feature of our national convention is presentations by student members of Kappa Mu Epsilon. The mathematical topic selected by each student should be of interest to the author and of such scope that it can be given adequate treatment in a timed oral presentation. Senior projects and seminar presentations have been a popular way for faculty to get students to investigate suitable topics. Student talks to be presented at the convention will be chosen prior to the convention on the basis of the materials submitted. At the convention, the Awards Committee will judge the selected talks on both content and presentation, and the top papers will receive an award.

### **Who may submit an abstract?**

Any undergraduate member of Kappa Mu Epsilon may submit an abstract for consideration as a talk at the national convention. Presentations may be coauthored. Graduate students may submit an abstract for a talk, which will be considered if there is time on the schedule after undergraduates have been selected. Graduate students will not be considered for prizes.

### **Presentation topics**

Presentations at the convention should discuss material understandable by undergraduate students. Abstracts that satisfy this criterion and which can be presented with reasonable completeness within the time allotted are preferred.

Presentations may be original research by the student(s) or exposition of interesting but not widely known results. Presenters should always cite authors if presenting exposition of known results.

### **Presentation time limits**

Presentations at the convention will be 15 to 20 minutes in length. Once the schedule has been set, we will notify speakers of the actual amount of time allowed for their presentations.

### **How to submit an abstract**

Students who wish to make a presentation at the national convention should:

1. Prepare an abstract of up to 500 words explaining the nature of the presentation and indicating the results.
2. Complete the abstract cover page (see below).
3. Send the abstract and cover page by email to the President-elect, address below.
4. Have the student's project advisor send an email to the President-elect, certifying that the student is doing the work specified in the abstract and the advisor's belief that the student will have a fully prepared presentation by the time of the convention.

Please send the abstract, cover page, and advisor's note by email no later than March 1, 2015 to Dr. Brian Hollenbeck at [bhollenb@emporia.edu](mailto:bhollenb@emporia.edu).

## **Selection of papers for presentation**

From the abstracts submitted by undergraduate students, approximately twenty papers will be invited for presentations to be judged for awards at the convention. Graduate students and undergraduate students whose papers are not selected for judging may be offered the opportunity to present their papers at a parallel session of talks during the convention. The President-elect will notify all authors of the status of their submissions in early March.

## **Judging criteria**

Judging criteria include

- Choice and originality of topic
- Literature sources and references
- Depth, significance, and correctness of content
- Clarity and organization of materials
- Adherence to the time constraints
- Effective use of graphs and/or visual aids
- Overall effect

## **Prizes**

Authors of the best presentations by undergraduates, as decided by the Awards Committee, will each receive a cash prize.

## **Publication**

A presenter who has not prepared a formal written paper by the time of the convention is encouraged to do so soon after the convention, so that the paper can be submitted for possible publication in *The Pentagon*. Unless published elsewhere, papers prepared from the prize-winning presentations will be published in *The Pentagon* after any necessary revisions have been completed. All other papers will be considered for publication. The editor of *The Pentagon* will contact each author during or soon after the convention to review his or her presentation and discuss requirements for publication.

To have a paper considered for publication, prepare it as a Microsoft Word document or .tex file, and include it as an attachment to an email to the editor, Daniel Wisniewski, at [Daniel.wisniewski@desales.edu](mailto:Daniel.wisniewski@desales.edu). The electronic copy of the paper will be sent to a referee who will prepare an anonymous report. If the referee recommends publication and space is available, the paper will be published in one of the next several issues.

2015 KME National Convention  
Abstract Cover Sheet

Abstracts with cover sheet must be sent to Brian Hollenbeck, national president-elect, by email ([bhollenb@emporia.edu](mailto:bhollenb@emporia.edu)) by March 1, 2015.

Presenter's name:

Presenter's email address:

Title of Presentation:

Mathematical area of topic:      [Choose one]              Pure              Applied              Education

Type of Research:              [Choose one]              Original              Expository              Other

Comments:

Presenter's KME chapter:  
(State, followed by Greek letter: e.g., Kansas Beta)

Presenter's college or university:

Project Advisor:

Project Advisor's email address:

I have asked my project advisor to send an email to Brian Hollenbeck certifying that I am doing the work specified in the abstract and the advisor's belief that I will have a fully prepared presentation by the time of the convention.

A computer, data projector and screen will be provided. If you require any other equipment, please indicate the needed equipment. We will do our best to accommodate the need, but cannot guarantee it.

Abstract: (or attach as separate sheet)