ERM Division Call for Papers
ASEE 2013, Atlanta

The Educational Research and Methods Division (ERM) seeks Paper, Special Session, and Workshop proposals on topics related to ERM's primary objectives. These objectives include promoting scholarly educational research methodologies on learning and methods of engineering instruction; dissemination of knowledge on engineering teaching and learning; encouraging efforts to improve instruction through development of innovative materials and techniques, sound instructional designs, and improved evaluation methodologies; and enhancing the status of teaching in the university and beyond.

There are three types of submissions:

- **Papers:** These are reports of results from research projects. Papers must include relevant literature and background, methodology, and research results. Additional information on Paper requirements is given below. All Papers will be “publish-to-present,” meaning:
  - Acceptance of a peer-reviewed abstract will lead to an invitation to submit a full paper.
  - Acceptance of the paper will depend on a successful peer review of the full paper.
  
  Papers submitted to the ERM division should include relevant research results and/or assessment information, as a rigorous peer review can be expected. Incomplete papers are not accepted.
  - Only successfully peer-reviewed full papers will be considered for inclusion in a podium or poster presentation session.
  - Presentation of the paper at the Annual Conference is required for publication of the paper in the conference proceedings.
  - All abstracts and papers must be submitted through ASEE's Monolith system.

- **Special Sessions:** New this year, ERM is encouraging proposals for Special Sessions that utilize non-traditional formats to explore a topic in depth. Special Sessions should have explicitly stated learning goals that cannot be met in a traditional paper presentation and that require a non-traditional format to be met. Special Sessions are 90 minutes in length and occur during the regular program. They do not require a paper submission. A maximum of two Special Sessions will accepted for the program.

- **Workshops:** Workshops are either full day or half day sessions occurring the Sunday of the meeting. They provide attendees an opportunity to learn about a topic in depth in a way that will allow them to transfer the knowledge to their own setting.
Abstracts for Papers:

Abstracts should follow the ASEE Abstract Format guidelines (http://www.asee.org/conferences-and-events/conferences/annual-conference/2013). The abstract should contain sufficient information to enable the ERM Vice Chair for Programs and peer reviewers to determine its suitability for presentation in the ERM Division. The ERM Division uses a blind review process when reviewing its abstracts and papers. Paper abstracts must be submitted through the Monolith system by the posted abstract submission deadline. When submitting the abstract, make sure that you submit it to the correct Division. Your abstract should address the following:

- Background and motivation;
- What was done? (Methods used and why?);
- Results (include some data and/or analysis; what was found?);
- Conclusions and significance (including wider application); and
- You should NOT include references in the abstract.
- You should NOT include authors’ names or institutional names in the abstract. Author names should NOT be in the filename or in the document properties. It is the author’s responsibility to ensure that the requirements for blind review are met.

Ultimately, should your abstract be accepted for the conference, you will be required to submit a full manuscript that will be evaluated using the criteria shown below. These criteria are intended to assist authors in crafting papers that will have the widest possible appeal to the ERM Division and be of lasting value to the engineering education community. Manuscripts exhibiting strength in only a subset of these criteria may still be deemed acceptable based upon the nature and quality of the material. Manuscripts fulfilling only a few (to none) of the criteria will be deemed less desirable.

- To what extent does the manuscript explore creative and original concepts?
- How well conceived and organized is the manuscript?
- How well does the manuscript advance discovery and understanding while promoting teaching, training, and learning?
- How well does the manuscript present a significant research question that appeals to a broad group of people interested in engineering education?
- How well does the manuscript present a research question that was investigated empirically?
- In what ways does the manuscript build upon relevant references and bodies of knowledge?
- In what ways does the manuscript describe appropriate educational or scientific principles?
- Are appropriate methodologies used to answer/address the research question?
- How well does the manuscript provide a coherent and explicit chain of reasoning?
- To what extent can the results of the study be generalized to other educational settings or to new theory?
- Is the paper complete?
It is important to note that the initial paper submission should be complete, and the decision to accept the paper will be made based on this initial submission. Authors should not expect to be able to make substantial changes in the final paper in order for it to become accepted.

**Special Session Proposals:**
If you wish to organize a Special Session through the ERM Division, submit a proposal to the ERM Vice Chair for Programs **no later than September 14, 2012**. Special Session Proposal requests are NOT submitted through the Monolith system. Your proposal should include the following information:

- The specific learning goals of the session.
- A description of the session, including its purpose, content, and activities.
- An explanation of the non-traditional format and why this format is needed to accomplish the learning goals.
- Description of presenters and contact information.

**Workshop Proposals:**
If you wish to organize a Workshop and have it sponsored by the ERM Division, submit a proposal to the ERM Vice Chair for Programs **no later than September 14, 2012**. Workshop Proposal requests are NOT submitted through the Monolith system. Proposals selected by ERM will be forwarded for further consideration by ASEE, which makes the final decision. Acceptance of a Workshop Proposal by ERM does not guarantee that it will appear in the final program. Your proposal should include the following information.

- The specific learning goals of the session.
- A description of the session, including its purpose, content, and activities.
- An agenda.
- Description of presenters and contact information.

If the workshop is approved by ERM reviewers, it is then submitted to ASEE. The submission to ASEE will include additional information such as estimated attendance, estimated ticket cost and responsible party to subsidize the expense if tickets don’t cover the entire cost of the event (ASEE charges for the room, audio-visual, etc.), expected food and beverage request, and audio-visual needs.

For more information, please contact:

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