



INTERNATIONAL CONFERENCE ON TEACHING, ASSESSMENT AND LEARNING IN ENGINEERING

From: Dr. Russ Meier, IEEE Education Society Vice President of Conferences
Subject: IEEE International Conference on Teaching, Assessment, and Learning in Engineering Education Statistics
To: Dr. James Sluss, IEEE Education Society 2015 President
cc: IEEE Education Society Board of Governors

Dear Dr. Sluss:

Each year, I complete a summary of the IEEE Education Society's financially sponsored conference events. I am happy to submit this summary regarding the history, reputation, publication, and registration statistics of the IEEE International Conference on Teaching, Assessment, and Learning in Engineering Education to you for your use as IEEE Education Society President.

1. Introduction and Historical Sponsorship

As a direct result of Strategic Plan 2010, the Society formed an initial steering committee to investigate a flagship conference event in IEEE Region 10. The goal of the committee was a high quality event similar in flavor to FIE and EDUCON but targeting the unique challenges facing educators within Region 10 – a part of the world with a significant number of developing economies. After a year of planning, the first TALE conference was held in Hong Kong during August of 2012.

The Society financially co-sponsors TALE with two Region 10 partners. The partners can be universities or other IEEE geographic organizational units (Region 10, Sections). The Society sponsors the event at a minimum of 70%.

2. Mission and Vision

The Teaching, Assessment, and Learning in Engineering Education conference strives to be the most relevant and respected forum within IEEE Region 10 for academic and industrial collaboration on engineering education. The conference helps engineering and computer science educators learn about innovations in learning theory, educational technology, and classroom techniques. The focus of the conference is on the research and practice of engineering education, computer science, and information technology education in the Asia-Pacific region.

To achieve its mission, the conference creates an engaging conference program that offers a variety of presentation formats and rotates each year to a new area of Region 10 following the cycle of rotation: northern, central, and southern regional location.

3. Peer Review Process and Statistics

Feedback from the 2010 Society Review Committee suggested that the Society consider not using abstract review as a first phase of peer review. Thus, the TALE conference does not use an abstract phase. Full papers and works-in-progress (short papers) are written in response to the call-for-papers and go through blind peer-review. A blind peer review means that reviewers can see the names of the authors but the authors are not told the names of the reviewers.

Table 1 provides acceptance information for the first three years of this conference. A plot is not provided due to the small number of data points.

Table 1: Three Years of TALE Acceptance Rate Data

| Year | Accept Rate | Abstracts | Published |
|------|-------------|-----------|-----------|
| 2014 | 62% | 154 | 95 |
| 2013 | 67% | 241 | 161 |
| 2012 | 55% | 200 | 109 |

4. Attendance Statistics

The Society has worked hard to publicize TALE in order to help it become a premier event within IEEE Region 10. TALE faces unique challenges because so many countries in Region 10 are in a developing economic state and thus travel for many university professors is restricted. And, the vast distances between countries in Region 10 also makes travel difficult and costly. The steering committee has a goal of maintaining a yearly registration of 100 over the first five years as an author community develops. The committee then hopes to implement a growth plan to gently grow the registrations to 250 over the next five years. Table 2 documents the first three years of registration data. A plot is not provided due to the small number of data points.

Table 5.8: TALE Attendance Statistics

| Year | Attendance |
|------|------------|
| 2014 | 96 |
| 2013 | 180 (Bali) |
| 2012 | 105 |

5. Indexing Service Statistics

TALE is too new to have any indexing service data to report.

I hope this information proves useful to you and I send my warmest regards.

Sincerely,



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