Applied Ergonomics Conference: The Ergo Cup® Competition

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Overview

The goal of this competition is to recognize outstanding results from innovative ergonomics solutions and education in the workplace.

Innovation is defined as:

"A new device or process created by study & experimentation"

We strive for this to be a friendly competition for all participants.

Any organization that can demonstrate an effective ergonomics solution or education initiative within the last 24 months is eligible to compete.
Decision 1: Which Category?

- There are five (5) Ergo Cup Categories
  - Team-driven workplace solutions
  - Team-driven workplace solutions for companies with internal competitions
  - Engineering/Ergonomist-driven workplace solutions
  - Engineering/Ergonomist-driven workplace solutions with internal competition*
  - Ergonomic Program Improvement Initiatives.

- Consequently, off-the-shelf improvements will NOT be considered (even if they are great ergonomics solutions and generate an excellent ROI).

* New in 2015
Team Driven Workplace Solutions

• Requirements:

- At least **75 percent** of the problem-solving effort is conducted by **in-house individuals** whose primary responsibilities involve production and maintenance.

- Some technical support by in-house health and safety, engineering/ergonomist staff is permitted as members of the team or as support of the team.

- Support from outside consultants is permitted but **only** company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.
• **Requirements:**

  – At least **75 percent** of the problem-solving effort is conducted by **in-house individuals** whose primary responsibilities involve **production** and **maintenance**.

  – Some technical support by in-house health and safety, engineering/ergonomist staff is permitted as members of the team or as support of the team.

  – Support from outside consultants is permitted but **only** company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.

  – *Category for organizations who conduct internal Ergo Cup competitions*
• Requirements:

- At least **75 percent** of the problem-solving effort is conducted by in-house engineers and ergonomists.

- Some technical support from outside consultants is permitted, but most activities are conducted by in-house resources.

- Only company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.
• Requirements:

❖ At least **75 percent** of the problem-solving effort is conducted by **in-house engineers and ergonomists**.

❖ Some technical support from outside consultants is permitted, but most activities are conducted by in-house resources.

❖ Only company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.

❖ **Category for organizations who conduct internal Ergo Cup competitions**
Ergonomics Program Improvement Initiatives

• **Requirements:**
  - Must be a planned **ergonomic program improvement initiative, process or management system** designed to improve the effectiveness of a location's overall comprehensive ergonomics program.
  - Examples include, but are not limited to:
    - ergonomics training programs,
    - incorporation of ergonomics into change management systems,
    - ergonomics risk assessment processes,
    - ergonomic prioritization systems,
    - return-to-work programs
    - office ergonomic programs
    - ergonomic programs designed for mobile and/or telecommuter employees.
Submitting Your Ergo Cup Application

Application deadline is October 30, 2016

www.iienet2.org/Ergo/Conference/default.aspx

The internationally recognized Ergo Cup® competition, sponsored by the Ergonomics Center of North Carolina and Edward D. Ritchie Department of Industrial and Systems Engineering at North Carolina State University, and presented by IIE, provides an exciting opportunity for companies to highlight their successful ergonomic solutions. The general theme across all Ergo Cup® categories is innovation.

Five Ergo Cup awards are presented annually for outstanding solution through training, engineering and teamwork. Don't miss out on participating in the 2017 Ergo Cup® competition. Submit your proposal now!

Click here to view the 2016 Ergo Cup Winning Teams.

Ergo Cup® links

The internal competition guide is available to assist companies in planning an internal Ergo Cup®

Principles of Occupational Ergonomics

Learn to conduct industrial or office ergonomics assessments.
Select the Category for the Ergo Cup Application. Feel free to contact any of the Ergo Cup Co-Chairs if you have questions.
• **Presentation Description:** Please include a 50-100 word description

- *First chance to grab committee’s attention!*
- Watch for company or industry specific terms that others may not be familiar with
- Basic outline of project description, scope etc.
Problem Description

• Provide a couple of sentences on what the problem was.
  ✓ Should be quantitative if possible
  ✓ Keep brief and to the point
  ✓ Be descriptive. Remember committee needs to understand the problem to correctly evaluate project for admission into competition.
Solution or initiative

• Provide a few sentences on what you did for your solution or education initiative.

✔ Keep brief and to the point

✔ Be descriptive. Remember committee needs to understand the solution or initiative to correctly evaluate project for admission into competition.

✔ Should be in place for at least a year

**Solution**

Provide a detailed description on what you did for your solution or program improvement initiative.
Outcomes

What **actual** measurable outcomes resulted from your solution or education initiative?

- Return on investment (ROI)
- Quantified reduction of risk
- The metrics of safety, quality, delivery, and cost.

Measurable outcomes are **critical** to be selected to participate as well as be competitive in the competition.

Be as specific as you can. This is what people want to see.
Judging Criteria

- Program improvement initiative is **innovative**
- Clear measurable **performance objectives** that were met
- Improvement approach **simple & straightforward**
- Improvement is **sustainable**
- Lead to significant ergonomics solutions and/or prevention of risk exposures.
Judging Criteria

- Program initiative led to **business gains, ROI** and/or **reduction of disability costs**.
- **ROI** should be **actual results** in place at least one year.
- Presentation quality was excellent including:
  - Problem statement
  - Clear descriptions
  - Metrics with visuals
The goal of the Ergo Cup Excellence Award is to afford AEC attendees to recognize and encourage the development of innovative ergonomics solutions and education in the workplace. Winners will be announced and presentations will be made during the awards ceremony on Thursday, March 29. Please place your ballots in the ballot box at the conference registration desk before Wednesday at 1:30 PM.

**You are voting for one entry in each of the five categories listed below.** If you have any questions, please check with the attendant at the conference registration desk.

1. **Innovation**—The entry represents newly created devices or processes (for workplace solutions), delivery approaches (in the case of training), or was created or significantly improved through study and experimentation.
2. **Simplicity**—The solution or training is simple and straightforward.
3. **Cost savings**—The entry provides an attractive Return on Investment (ROI)
4. **Ergonomic risk**—The solution or education approach significantly reduces or eliminates ergonomic risk.
5. **Presentation quality**—The problem, solution and impact are clear.

Please identify which entry best exemplifies each category.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Booth #</th>
<th>Title of Entry</th>
<th>Innovation</th>
<th>Simplicity</th>
<th>Cost Savings or ROI</th>
<th>Ergonomic Risk Reduction</th>
<th>Presentation Quality</th>
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Judging at Conference

• At the conference, each team will be judged by members of the ergo cup committee who determine the winner of the ergo cup.
  – There will be five judging teams. Once for each Ergo Cup Category.

• In addition to the ergo cup, Five Excellence Awards are also presented. These are voted on by conference attendees. One award is presented for each of the five judging criteria.
  - Innovation
  - Simplicity
  - Cost savings/RIO
  - Ergonomic Risk Reduction
  - Presentation Quality

Judges are experienced practitioners in the field of Ergonomics.
Remember

- The general theme across all Ergo Cup categories is **innovation**.
- **It is a friendly competition.**

All teams are given the opportunity to present their project to Ergo Cup Judges and Conference attendees.

- The Team will know when the judges will visit their booths.

- **Off-the-shelf** improvements **will NOT** be considered (even if they are great ergonomics solutions and generate an excellent ROI)!!

- **Equipment vendors** are **NOT** allowed in the competition!!!
Questions??
Thank You!

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