



Applied Ergonomics Conference: The Ergo Cup Competition

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Karl Siegfried
Ergo Cup Co-Chair

Wayne Maynard
Ergo Cup Co-Chair

Ben Zavitz
Bath Iron Works

Carly Silos
GE Aviation

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 and experimentation".
- Any organization that can demonstrate an effective ergonomics solution or education initiative within the last 24 months is eligible to compete.

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Decision 1: Which Category?

- There are four Ergo Cup Categories
 - ➔ Team-driven workplace solutions
 - ➔ Team-driven workplace solutions for companies with internal competitions
 - ➔ Engineering/Ergonomist-driven workplace solutions
 - ➔ 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). Innovation is defined as "A new device or process created by study and experimentation".



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.

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Team Driven Workplace Solutions With Internal Competitions

■ 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.

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Engineering/ergonomist Driven Workplace Solutions

■ 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.

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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, and ergonomic programs designed for mobile and/or telecommuter employees.

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Application Form

- **Contact Information**
- **Name of Organization or Company**
- **Team Leader Main Contact First Name: *Last Name:**
- ***Title: ***
- **Address: * City: * State/Prov.:**
Postal/Zip: * Country:
***Phone: * Fax:**
- **Email: ***
- **List Team Members and email addresses**

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General Information

- **Location of Plant being Demonstrated**
- **Location of Corporation/Organization Headquarters**
- **Title of Entry (please limit to 10 words or less)**

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The Heart of the Matter

- **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.**

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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.

Outcomes

- **What measurable outcomes resulted from your solution or education initiative?**
 - ⇒ Return on investment
 - ⇒ 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.**



Remember

The general theme across all Ergo Cup categories is innovation. Consequently, off-the-shelf improvements will not be considered (even if they are great ergonomics solutions and generate an excellent ROI).

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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.

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Judging Criteria

- Program initiative led to business gains, ROI and/or reduction of disability costs.
- Presentation quality was excellent including
 - ⇒ Problem statement
 - ⇒ Clear descriptions
 - ⇒ Metrics with visuals

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Judging Categories



Ergo Cup Competitors – XX Booths

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.

| Organization | Booth # | Title of Entry | Innovation | Simplicity | Cost Savings or ROI | Ergonomic Risk Reduction | Presentation Quality |
|--------------|---------|----------------|------------|------------|---------------------|--------------------------|----------------------|
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Who Are the Judges

- Judges are experienced practitioners in the field of Ergonomics. Made up of:
 - ⇒ Ergo Cup Committee Members
 - ⇒ Attendee judging panel volunteers (most with multi year experience)

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2012 Ergo Cup Winners

Now let's here from the Winners in the Team Driven Workplace Solutions category for companies with Internal Competitions, Bath Iron Works followed by GE Aviation winners in the Engineering/Ergonomist-driven workplace solutions category.

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