



# November 2011

## News Update

The Newsletter of the UpCountry South Carolina Section,  
AACE International

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### President's Message

Members,

For those of you who do not get the Cost Engineering Magazine from AACEI, an interesting Technical Article on Alternate Methods for Integrated Cost and Schedule Contingency Estimating was published in November's issue.

Mr. Hollmann believes that few firms are integrating cost and schedule risk analysis with contingency estimating. He further goes on to state that a part of the gap is a result of owner companies lacking competency in scheduling plus a lack of tools in the industry to effectively perform a cost/schedule contingency estimating analysis.

The article states that AACEI is aware of this gap and has a technical committee trying to develop a new AACEI Recommended Practice plus AACEI is also looking at creating another certification category, Decision and Risk Management Professional.

The article looks at the following Contingency quantification methods along with a comparison plus strengths/weaknesses.

1. Cost Loaded CPM-Activity Ranging Method
2. Cost Loaded CPM-Risk Driver method
3. Parametric / Expected-Value Hybrid Method

By reading the monthly magazine and their technical articles, this is just one benefit that being a member of AACEI can bring to you as a professional. So please consider becoming a member for 2012.

Sincerely, Bob Boyd



## Section Announcements

### Certification!!

AACEI offers 6 certifications.

1. Certified Cost Technician (CCT)
2. Certified Cost Consultant (CCC) / Certified Cost Engineer (CCE)
3. Planning and Scheduling Professional Certification (PSP)
4. Earned Value Professional Certification (EVP)
5. Certified Forensic Claims Consultant (CFCC)
6. Certified Estimating Professional (CEP)

For descriptions and requirements regarding each of these certifications go to the AACEI web page (<http://www.aacei.org/educ/cert> ). And for educational literature to help you with these exams, visit the AACE Online Bookstore (<http://www.aacei.org/technical/ppg.shtml> ) where you can order Professional Practice Guides, Recommended Practices and other AACEI merchandise.

In recognition for those Section members that have AACEI certifications, we will now have an Honors Roll. The following Section members hold certifications and can be considered Subject Matter Experts, available to help you if you have any questions.

### HONORS ROLL

CCE / CCE	PSP	CEP	EVP
Chris Swanson	Donald McDonald	Robert Boyd	Doug Findley
Donald McDonald	Robert Boyd	Jeff Bannister	Eric Marcantoni
Robert Boyd	Doug Findley	Walter Manning	
Doug Findley		Stan Ellzey	
Becky Spencer			
Glen Joseph Colaco			
CFCC			
Doug Findley			

Please contact Stan Ellzey ([stanellzey@charter.net](mailto:stanellzey@charter.net)) if you have any questions or need assistance regarding any of the certifications or workshops mentioned above.

The next certification exam is currently scheduled for:  
 March 3, 2012 – Location of test is Atlanta, Ga.  
 March 10, 2012 – Location of test is Greenville, SC  
 July 21, 2012 – Location of test is Greenville, SC  
 December 8, 2012 – Location of test is Greenville, SC

Deadline to sign up for a certification exam is 60 days prior to the above test dates. If you want to take the test in Greenville, please contact one of our officers or our Certification chairperson.



## **AAACEI Certification Hints and Other Educational Tidbits!!**

The question for December's meeting is:

When do you use the ROA formula?

1. To determine if you are pricing your goods or services properly
2. To determine how profitable your company is
3. To indicate how efficient a business is using its materials in the production process
4. To determine how long your acquisition will take to generate a profit

## **AAACE International's Meetings and Conferences!!**

It's not too early to begin thinking about making plans to attend AAACEI's 56<sup>th</sup> annual meeting in San Antonio, Texas. The theme of this conference is "A Fiesta for Total Cost Management". It will be held from July 8<sup>th</sup> thru July 11<sup>th</sup>. Registration begins in 2012. Watch AAACEI's website for updates.

## **UpCountry South Carolina Section's Website!!**

Please visit our web site that is being maintained by Becky Spencer. It contains some job postings for those of you that are unemployed. Feel free to provide feedback to Becky or Bob Boyd on comments/ideas that you believe would enhance the website.

<http://upcountry-aaacei.org/welcome.html>

## **Section News!!**

November's meeting had a great attendance with over 20 persons showing up for the Tour at Clemson University's International Center for Automotive Research. Also in attendance at this meeting was our Region 3 Director, Mr. James Carson. The only announcement made was to look out for December's flyer where Donald McDonald will host an AAACEI Section Christmas dinner and get together.



## **Novemb 2011 UpCountry SC Section Meeting Recap**

The UpCountry SC Section meeting was held on November 8, 2011 at Clemson University's ICAR facility in Greenville. Our guest speaker and tour guide for the evening was Dr. Laine Mears who is an Assistant Professor for the Clemson University Automotive Engineering Department. He joined the faculty in 2006 and teaches modeling and analysis for automotive manufacturing processes and automation integration in manufacturing. The ICAR facility was built with donations from major automotive corporations. The Founding Partners include AT&T, BMW, Michelin, Proterra and others. More can be discovered at: <http://www.cuicar.com/about.html>

The tour of the Automotive Research Facility began with a global map that showed where all of the current students come from. A majority of the students come from the US, India, China and Europe. We toured various areas, covering 2 floors of the facility. The areas visited included:

- Area showing the Origami Car Concept
- Area showing how they analyze the integration of Light Weight Automotive Materials
- Visited the Engine Test Lab which had lots of instrumentation to measure the impact of fuel mix changes
- Visited the Shake Tester Room which also is an Environment Chamber. It can run tests with humidity up to 90% and with temperatures ranging between -40°F and +185°F
- Visited the Sound Proof Room for testing tires up to 125mph. Showed some different tire types. One type was an airless tire that is still under development.
- Although we saw different machinist tools, we did not meet the machinist. The machinist is part of their staff and is very good at fabricating special components. One tool we saw was the Okuma Cutting Machine.
- Visited the Electrical Magnetic Field Room which measures how EMF affects the various components that are built into a car. Story told how in the past it was possible to have components not work according to their design because of the EMF being produced by other components.
- The Facility has no Wind Tunnel since the corporate contributors to the facility have their own wind tunnels to research and design their various car designs.

This concluded the tour for the evening. Bob Boyd thanked Dr. Mears for taking the time from his busy schedule to give us the tour. A donation check will be sent to Clemson University as a way of thanking the school for allowing us to tour their facility.



**2011/12 Meeting Schedule for AACE UpCountry SC Section**

Description	Day of Week	Date(s)	Presenter & Topic
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	14 June 2011	Ward Lambert – Harper, Lambert & Brown What a Lawyer Wants in an Expert
UCSC Social Meeting	2 <sup>nd</sup> Thursday	14 July 2011	Ball Game Drive vs. BlueClaws
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	09 Aug 2011	Bob Boyd Solar Power – Solar PV Plants
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	13 Sep 2011	Christel Allen – A <sup>2</sup> Consulting,LLC I-385 SCDOT Project
UCSC Dinner Meeting	2 <sup>nd</sup> Monday	10 Oct 2011	Mark Spencer Topic – An Owner’s Perspective
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	08 Nov 2011	Tour of Clemson University’s International Center for Automotive Research (ICAR)
UCSC Social Meeting	2 <sup>nd</sup> Saturday	10 Dec 2011	Christmas Social Gathering at Donald McDonald’s house
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	10 Jan 2012	Donald McDonald Panel Discussion – “Who Own’s the Float”???
UCSC Social Meeting	TBD	?? Feb 2012	Hockey Game
UCSC Dinner Meeting	2 <sup>nd</sup> Tuesday	13 Mar 2012	Jim Owens ??? Topic – Presentation on Aluminum Mills
UCSC Dinner Meeting	TBD	TBD	Future Joint Meeting with NCMA is being discussed with Mike Criss
UCSC Dinner Meeting	TBD	TBD	Paul Mannion Topic – Construction in a Union Environment
UCSC Dinner Meeting	TBD	TBD	Tour of GE’s Facility
			Future Presentation on How to Prepare for the CCE exam