



Visit our website: <http://wsc.aiche.org>

## September Meeting (9/14/2010):

### Centrifugal Separators by Rob Lawrence

Rob is the East Coast Regional Sales Engineer for the Renewable Resources markets for GEA Westfalia Separator. GEA Westfalia Separator is the world's largest industrial centrifuge manufacturer, and they have equipment in over 2500 applications. Rob specializes in the Starch, Protein, Ethanol, Algae, Yeast, Oil and Fat Recovery and Rendering markets. He has a Mechanical Engineering degree from Cornell University.

#### General Topic Synopsis:

- General overview of mechanical separation (Technology overview of multiple types of equipment)
- Decanters and Separators - Physics and Equations
- Equipment selection - When to use which machine
- Case Study's- Separation Solutions adding value to our customers

## SEPTEMBER MEETING SUMMARY

**DATE:** Tuesday, September 14, 2010

**TIME:** 6:00 PM Social  
6:30 PM Dinner  
7:00 PM Presentation

**LOCATION:** **Hilton, Greenville**  
45 West Orchard Park Drive  
Greenville, SC 29615

**DIRECTIONS**I-385 @ Haywood Road Exit #39

**COST:** \$10 for Members  
\$15 for Non-members  
Free to Attend Presentation Only

**Please reply to Secretary Alan Vibber at [sec@wscaiche.org](mailto:sec@wscaiche.org) / 864.554.3906 by Friday 12:00 PM, September 10, 2010.**

Note that the dinner portion of the meeting is not mandatory. Arrive by 7:00 pm if you want to attend the presentation without dinner.

**Only RSVP if you plan to dine with us.**

---

## Calendar of Events

DATE	LOCATION	TOPIC
09/14/10	Hilton	Centrifugal Separators
10/19/10	Clemson University Madren Center	Finances 101: What Everyone Should Know About Their Money
11/09/10	Hilton	Heat Exchangers
01/11/11	Hilton	International Building Code
02/08/11	Hilton	Clemson Speaker - <i>Topic to be announced</i>
03/08/11	Hilton	Gould Pumps
04/12/11	TBA	Plant Tour
TBA	Fluor Field	Greenville Drive Baseball Game Social

*Active participation in professional societies as well attending our professional and technical presentations count towards Continuing Professional Competency requirements for Licensed Professional Engineers. Upon request, the Section Secretary can provide attendance verifications for this purpose to our members.*

---

## Scholarship Support to Continue

The Executive Committee has again agreed to support Clemson's Chemical Engineering program with a \$1,000 scholarship. Details regarding the application process will be available at our October meeting.

---

## 2010-2011 Officers and Executive Committee

Many thanks to the continued efforts of those in providing leadership to our Section. Members with a desire to serve can contact any Officer or Executive Committee member.

POSITION	NAME	EMAIL	PHONE
Chair	Rick Vogel	rvogel1@hotmail.com	864-254-6474
Vice-Chair	Mike Thompson	michaelthompson20@gmail.com	864-940-6464

Secretary	Alan Vibber	sec@wscaiche.org	864-554-3906
Treasurer	Austin Crooks	ajcrooks06@gmail.com	864-704-8910
Webmaster	Mohammad Fatayerji	mohammad.fatayerji@fluor.com	864-281-6639
Other Executive Committee Members are: Mary Ferris, Eugene Gill, David Harshbarger, David Laursen.			

---

## A Welcoming Note from the Chair

Howdy all WSCAICHe members and friends. It is my pleasure to again serve our section, this year as Chair. I've been an officer in one capacity or another for the last nine years. As usual, we have another great year of topics (we hope) to present to you. What will be unusual is that this year will be especially challenging since most of the officers no longer work under the same roof.

Please help welcome three new faces to our "WSCAICHe Officer family". Mike Thompson has been a long time attendee and has stepped up to be our Vice-Chair. He will be driving in from Anderson to attend our meetings. Alan Vibber has been asking how to get involved, so this year we threw him into the Secretary's job. He must really want to help, since he is driving in from Greenwood. Mohamad Fatayerji is our Chief Information Officer. This is a new position created last year at behest of the national office. Still without a full job description, Mohammad has helped set up our new website. When you see them, please offer encouraging words to these new volunteer officers. Austin Crooks has jumped into the Treasurer's job. Dave Laursen, Eugene Gill, David Harshbarger, and Mary Farris will continue their service to the section as members of the Executive Committee.

Our section will continue the traditional Fall/Spring meetings with Clemson's Department of Chemical and Biomolecular Engineering faculty & students. We will award another \$1,000 Clemson scholarship to a deserving Junior ChemE student. Hopefully, we will continue our association with Fluor in providing a quality Kids Engineering experience for the tweens youth during the Roper Mountain Science Center's Engineers Week, Second Saturday in February. Furthermore, we will continue our support for the South Carolina Regional Science & Engineering Fair by assisting in judging student projects, providing monetary awards, and promoting engineering.

We will also continue our relationship with the Hilton. The meeting rooms, meals and service are excellent. On behalf of all the Officers of the WSCAICHe, we hope you will have an opportunity to experience this yourself when you attend one of our meetings.

In your service,  
Rick Vogel  
Chair, WSCAICHe