
IEEE CHARLOTTE SECTION NEWSLETTER



Website <http://sites.ieee.org/charlotte/>



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UNC Charlotte Wins Award in Solar Decathlon International Competition

UNC Charlotte won the U.S. Department of Energy Solar Decathlon 2013 People's Choice Award as one of twenty university teams chosen to compete in the US Department of Energy Solar Decathlon. The team also placed 3rd in the Engineering Competition. The leadership team included two professors from the Electrical and Computer Engineering Department at UNC Charlotte, Aba Ebong and Valentina Cecchi. The competition was to demonstrate inventive net-zero energy, solar-powered, houses with energy-efficient construction and renewable energy systems. Check inside for more details.

IEEE SoutheastCon 2013 and 2014

Over 750 members attended SoutheastCon 2013 in Jacksonville, FL, where over 100 authors presented technical papers, over 100 IEEE leaders met, and dozens of student branches from throughout the southeast competed in a variety of events. Consider participating in next year's SoutheastCon in Lexington, Kentucky on March 13-16, 2014. For further details about the upcoming conference, see <http://ewh.ieee.org/reg/3/southeastcon/>.

IEEE Charlotte Section Elections

Please watch your email for news on the upcoming IEEE Charlotte Section elections.

Jim Conrad Elected Region 3 Director

Charlotte Section member Jim Conrad has been elected as IEEE Region 3 Director, representing the southeast region that includes the states of Alabama, Florida, Georgia, areas of Indiana, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and the country of Jamaica. Congratulations Jim!



Upcoming Meetings

Check the section website above for upcoming meetings, or contact our chapter or section officers if you would like to suggest an idea for a meeting. Also, please check the new meetup listings at <http://www.meetup.com/IEEECharlotte/>.

UNC Charlotte Senior Design Fall Expo

The UNC Charlotte Senior Design Fall Expo, cosponsored by the IEEE Charlotte Section Education Society, will be held at UNC Charlotte, on Dec. 6, 2013, and is open to the public. For details, see <http://srdesign.uncc.edu/expo>.

[Check Inside for More Details](#)

IEEE Charlotte Section Officers

Website

<http://sites.ieee.org/charlotte/>

Section Officers

Chair: Claude Hargrove
Vice Chair: Bruce Magruder
Secretary: Jonathan Bird
Treasurer: Robert Cox

Section Committee Officers:

Nominating Com. Chair:
Program Chair:
Membership Develop. Chair: Ken Dunn
Professional Activities Chair: Jim Conrad
Webmaster: David Wallach
Section Newsletter Editor: Tom Weldon

Volunteer!

If you or one of your colleagues would like to **volunteer for a vacant position**, please contact one of the officers listed above. For further information, refer to the IEEE Charlotte Section website:

<http://sites.ieee.org/charlotte/>

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Charlotte Chapters

Power and Energy Society Chapter Officers

Chair: Sukumar Kamalasan
Vice Chair:
Secretary: Forrest Suter
Treasurer: Valentina Cecchi

Computer Society Chapter Officers

Chair: Claude Hargrove
Vice Chair: vacant
Secretary: vacant
Treasurer: vacant

Communications Society Chapter Officers

Chair: Yu Wang
Vice Chair: vacant
Secretary/Treas.: vacant

Education Society Chapter Officers

Chair: Jim Conrad jmconrad@uncc.edu
Vice Chair: John Covington
Secretary: vacant
Treasurer: vacant

Women in Engineering Officers

Chair: Nan BouSaba
Vice Chair: vacant
Secretary: vacant
Treasurer: vacant

UNC Charlotte Student Branch Officers

Counselor: Claude Hargrove
Chair: Michael Gimon
Vice Chair: Jacob Kon
Secretary: Viktor Kuvila
Treasurer: Jeremy Nelson



US National Whitewater Center Tour (August 2013).

US National Whitewater Center Tour

The IEEE Charlotte Section plant tour at the US National Whitewater Center was a great success. On Saturday, August 24, 2013, IEEE Charlotte members toured the world-class facility including the world’s largest man-made whitewater river. The staff at the center provided an impressive tour of this expansive operation, including the behind-the-scenes facilities shown in the photo below.

Special thanks to the US National Whitewater Center staff who hosted the tour and to Ken Dunn (IEEE Charlotte Membership Development Chair for organizing this great event! To learn more, see <http://usnwc.org> .



Behind the scenes at the whitewater center.



UNC Charlotte Senior Design Expo (Fall 2011 photo).

UNC Charlotte Fall Expo: 12/6/2013

The UNC Charlotte Senior Design Fall Expo, cosponsored by the IEEE Charlotte Section Education Society Chapter, will be held at UNC Charlotte, on Dec. 6, 2013, and is open to the public. Dozens of projects and project posters will be displayed at this event. The Lee College of Engineering’s senior design program brings together students and industrial partners in a collaborative research environment. Please take this opportunity to see a wide range of multidisciplinary real-world engineering projects, to meet the engineering students, and to learn more about the university and local industry. For more information about the projects and updates on last-minute schedule changes, see the senior design website at <http://srdesign.uncc.edu>. If your company might be interested in sponsoring a student project, contact Terry Jordan, Director, Industrial Solutions Lab, 704-687-5029, tdjordan@uncc.edu .

Mark your calendars!

UNC Charlotte Senior Design Expo

December 6, 2013

UNC Charlotte

IEEE SoutheastCon 2014

March 13-16, 2014

Lexington, Kentucky



UNC Charlotte EPIC building.

UNC Charlotte EPIC Center Meetings

Watch for upcoming technical and business meeting opportunities at the new \$76 million Energy Production and Infrastructure Center (EPIC) at UNC Charlotte. Located on the UNC Charlotte campus, the center serves in the training of a new generation of engineers and in the conduct of research on new energy technologies. The EPIC building houses UNC Charlotte's Electrical and Computer Engineering Department, along with the Civil and Environmental Eng. Dept. The building's laboratory facilities will expand opportunities for students to gain hands-on experience with industry leaders. For more information, see <http://epic.uncc.edu>.

Check your email!

Check your email for IEEE Charlotte announcements, and make sure that email from IEEE e-notice is not blocked or marked as junk.

Ideas for Society Chapter Meetings?

The society chapters are working on plans for upcoming meetings. In the IEEE Charlotte Section, we have local chapters of the Power and Energy Society (PES), Communications Society, Computer Society, Education Society. If you have any suggestions for upcoming meetings or plant tours, please contact the society chapter officers on <http://sites.ieee.org/charlotte/>.



UNC Charlotte Solar Decathlon House (August 2013).

UNC Charlotte Wins Award in Solar Decathlon International Competition

UNC Charlotte won the U.S. Department of Energy Solar Decathlon 2013 People's Choice Award as one of twenty university teams chosen to compete in the US Department of Energy Solar Decathlon. The team also placed 3rd in the Engineering Competition. The UNC Charlotte leadership team included professors Aba Ebong and Valentina Cecchi from the Electrical and Computer Engineering Department, professors Mona Azarbayjani and Ben Futrell from Architecture, and professor Linda Swayne of Business. The competition was to demonstrate inventive net-zero energy, solar-powered houses with energy-efficient construction, and renewable energy systems. For details, visit the UNC Charlotte Solar Decathlon at: <http://solardecathlon.uncc.edu/>

Update your info!

Update your membership record online, set up your own IEEE web account, or volunteer to fill a vacancy in the section or a society chapter. The site is: http://www.ieee.org/membership_services/.

Engineers Week Feb 16-22, 2014

<http://www.ieeeusa.org/eweek/>

New IEEE Members

Now would be a great time to ask your colleagues to join IEEE! Contact one of our section or chapter officers if you have any recruiting or membership questions.

Charlotte Section Archives

Did you know that the IEEE Charlotte Section website includes an archive page that traces our section history from 1929 to the present? See the archives section on <http://sites.ieee.org/charlotte/>.

NC Council News

Our 2013 IEEE North Carolina Council Chair is Tom Weldon, from the Charlotte Section. The link to the North Carolina Council website is <http://ewh.ieee.org/r3/ncc/>. The IEEE NC Council is comprised of the Charlotte Section, Western NC Section, Winston-Salem Section, Central Section, and Eastern NC Section.

Region 3 News

A link to the IEEE Region 3 website can be found at the left menu bar of the IEEE Charlotte Section website at <http://sites.ieee.org/charlotte/>. The current Region 3 Director is David Green. IEEE Region 3 includes the states of Alabama, Florida, Georgia, areas of Indiana, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and the country of Jamaica.

Update Member Records Online

You can now update your member record online, including your name, address, e-mail, and telephone. So, the next time you get an IEEE mailing with your name or street spelled incorrectly, you can go to the web page and fix it instantly. You will need an IEEE web account in order to take advantage of this service. The site address for updating your record is http://www.ieee.org/membership_services/.

Get an IEEE E-mail Alias

The IEEE now offers an Alias Service in which IEEE members can register or update a personal alias of their choice (subject to availability and on a "first come, first serve" basis). Messages addressed to the alias@ieee.org will automatically be forwarded to your Internet e-mail address. The virus-scanning feature helps prevent you from receiving viruses. See <http://eleccomm.ieee.org>.

Could you be an IEEE Senior Member?

The grade of Senior Member is the highest for which application may be made and shall require experience reflecting professional maturity. For admission or transfer to the grade of Senior Member, a candidate shall be an engineer, scientist, educator, technical executive, or originator in IEEE-designated fields. The candidate shall have been in professional practice for at least ten years and shall have shown significant performance over a period of at least five of those years, as outlined on the IEEE website. For more information, or for the Senior Member upgrade forms, visit the web page at http://www.ieee.org/membership_services/ and click on "Elevate your grade."

Want email about Charlotte events?

Use your IEEE web account to ensure that you receive IEEE email by setting your Personal_Profile Communication_Preferences and make sure to set "Do not Send Email = N."

Mark your calendars!

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<http://www.ieeeusa.org/eweek/>

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Charlotte, North Carolina

Institute of Electrical and Electronics Engineers, Inc. (IEEE)