



IEEE

The Institute of Electrical and Electronics Engineers
New Orleans Section



THE SECTION BITS

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Editor:
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Providing Monthly News to the IEEE New Orleans Section

Section Chair's Message, December 2009

This month we will be having the ***Annual Past Chairs' Night*** dinner. Please see the following page for details.

Thank you for being a part of the IEEE New Orleans Section.

Sincerely,

A handwritten signature in black ink that reads "Stephen D. Bourg".

Stephen D. Bourg
Chairman 2009

Annual Past Chairs' Night

Saturday 19-Dec 09

Location:	Palace Café 605 Canal Street New Orleans, LA 70130 Telephone = 523-1661
Time:	6:30pm Refreshments and Networking 7:00pm – 9:00pm Dinner & Brief Program SPECIAL ANNOUNCEMENTS: Each attendee will be provided two drink tickets. These tickets are good for adult refreshments (mixed drink, beer, wine) and non-alcohol drinks. Additional beverages can be purchased at cost. Discounted, validated parking at the Marriott available but not guaranteed
Menu:	This will be a plate dinner (served). Appetizer: Turtle Soup Salad: Cafe Spinach Salad Spinach tossed with candied housemade bacon, red onion, and boiled chopped egg in a sherry cane vinaigrette Entrée: Choice of – <u>Grilled Gulf Fish</u> Fresh fillet of Gulf fish, grilled over an open flame, served with Sour cream new potato mash and steamed seasonal vegetables finished with a preserved lemon butter <u>Chargrilled Ribeye</u> 12 oz. of hand-selected, Creole seasoned ribeye served with a broiled tomato, roasted mushrooms, and a bourbon peppercorn cream Dessert: White Chocolate Bread Pudding original White chocolate baked inside bread pudding, smothered with warm white chocolate ganache and garnished with chocolate sprinkles Beverages: Iced Tea and Coffee
Cost / PDH Credits:	Past Chair is Guest of Section \$20.00 each for Past Chair Guest \$40.00 each for Non-Members \$15.00 each for Retirees/Students This is a Social Meeting. No PDH Credits Will Be Issued.
Reservations:	Reservations are REQUIRED for this meeting. RSVP (Including Entrée Choice) to Henry Suthon H.Suthon@IEEE.org (e-mail preferred, or 504-836-8903), by Noon Monday December 14, 2009.

IEEE Industrial Applications Society



December IAS Chapter Meeting

Topic: Flywheel Technology for Power Quality
Date: December 9, 2009
Time: 11:30 am - 12:30 pm
Location: 4809 Jefferson Highway, Entergy Auditorium
Lunch: Sponsored by MS Benbow
Cost: \$10 for non-members and free to IAS members
PDH's: One PDH will be provided
RSVP: Jack Neelis at jack.neelis@wsnelson.com

December IAS Marine Task Force Meeting

Topic: Modeling Shipboard Power Systems
Date: December 8, 2009
Time: 6 pm
Location: 2609 Jefferson Highway, Picadilly Restaurant
RSVP: Bob Olmstead at reo_jr@bellsouth.net

As 2009 nears the end, we would like to thank the following volunteers for making the NOLA IAS work in the year of 2008 and 2009:

Chapter Chair – Tom Field
Chapter Vice Chair – George Mahl
Chapter Treasurer – Jack Neelis
Chapter Secretary – Dean Ruiz
Chapter webmaster – Carol Eckelmann
Technical Program Chair – Tom Field
Membership Chair – Emile Bergeron
PCIC Chair – Dean Ruiz
Future Conferences Chair – Chris Leonik
Marine Task Force Chair – Mike Sperry
Awards Chair – EC Aertker
Baton Rouge Liaison – Larry Saunders
GNOBR Liaison – Emile Bergeron
ISA Liaison – Toby Miller

We hope that the year of 2010 will make the chapter even better. Please welcome the following volunteers for leading the NOLA IAS in 2010:

Chapter Chair – George Mahl
Chapter Vice Chair – Jack Neelis
Chapter Treasurer – Dean Ruiz
Chapter Secretary – Michael Labiche
Chapter webmaster – Mark Duck
Technical Program Chair – Junior Colosino
Membership Chair – Emile Bergeron
PCIC Chair – Dean Ruiz
Future Conferences Chair – Chris Leonik
Marine Task Force Chair – Bob Olmstead
Awards Chair – EC Aertker
Baton Rouge Liaison – Larry Saunders
GNOBR Liaison – Emile Bergeron
ISA Liaison – Toby Miller

IEEE Computer Society



2010 IEEE Computer Society Student Competition

System Competition

The IEEE Computer Society is launching a new design competition for undergraduates with prizes totaling \$10,000. Undergraduate teams will be invited to design a CPU simulator, a program used in many architecture courses to illustrate how computers work.

This is an exciting competition because it cuts across traditional boundaries by combining architecture with program design and software engineering – just like real life,” said Alan Clements, Vice President and Chair of the Educational Activities Board and a professor of *computer science* at the University of Teesside in the UK. “All you have to do is to write a program. Well, that’s not quite all. You have to write an excellent program using professional design techniques.”

The competition will require the skills of students who have taken a course in architecture and the skills of programmers and software engineers who can turn a specification into a working program. At the end of the competition, teams will submit both a report and a working program.

Who can compete?

The competition is open to all collegiate teams consisting of three to five undergraduates who register online at www.computer.org/portal/web/competition by 11 January 2010 and submit their projects by 9 April 2010.

Where is the competition held?

The competition will be held by online submission of projects to the panel of international judges (chosen by the IEEE Computer Society).

What are the prizes?

A prize of \$7,000 will be awarded to the overall winning team. No team will be judged an overall winner unless their use of software engineering in the design and creation of the simulator is deemed high quality. \$1,000 will be awarded to the winning team in each of these categories:

- o Originality of the architecture designed
- o Functionality, quality, and versatility of the simulator
- o The use of software engineering in the design of the simulator

**To register and for more information visit the competition web site at:
<http://www.computer.org/portal/web/competition>**

IEEE Communications Society



ComSoc NOLA Chapter Elections of 2010 Officers

Thanks to those that voted in our ComSoc Chapter Elections. Mr. Richard Miller has been elected as the NOLA ComSoc Chapter Chair for the 2010 term. Congratulations, Richard!

Future Meeting

We are planning a January 2010 joint meeting with the Computer Chapter. The topic of the presentation is in the Networking area. Further details will be published in the near future but we are tentatively scheduling it for Thursday, 21 January, starting at 18:30.

Our Societies Chapters and Affinity Groups

IEEE Power & Energy Society



There are no events scheduled this month.

IEEE Engineering in Medicine and Biology Society



EMBS will not be having a meeting this month.

Supporting Companies

ABB
ACF
ADC
Areva
B & L
Beckwith Electric Company
Crescent Power Systems
Curtis H. Stout of La.
GE Energy Services
GHMR
Governor Control Systems (GCS)
Howard Industries. Inc.
HV Sales Company
Jacobs, Inc.
Jeanes Enterprises, Inc.
J.J. Bergeron & Company
John J. Aertker Jr. Company
JST Transformateurs
KVA Strategies
Mitsubishi Electric Power Products
MS Benbow & Associates
Power Sales & Services
Preferred Sales Agency, Ltd.
Prysmian Cables and Systems
Qualitrol Corporation
Ruffin & Associates
Serveron
Shenyang, China
Siemens
Southwest Electric
TBEA Transformers
Tellabs *Inspire New Life*
Tomba Communications
Waldemar S. Nelson
Waukesha
Weidmann Electrical Technology