

2014 GEORGIA ENGINEERS SUMMER CONFERENCE

June 12-14, 2014
Hammock Beach Resort
Palm Coast, Florida



2014 Georgia Engineers Summer Conference

Hammock Beach Resort | Palm Coast, Florida

JUNE 12TH - 14TH, 2014

SCHEDULE AT-A-GLANCE

Date	Time	Program/Event
Thursday, June 12 UP to 4 PDHs Available	1:00 p.m. - 5:00 p.m. 1:00 p.m. - 5:00 p.m. 1:00 p.m. - 5:00 p.m. 6:00 p.m. - 7:30 p.m. 7:30 p.m. - 9:00 p.m. 9:00 p.m. - 11:00 p.m.	NPDES Recertification Class for Level 2 Design Professionals An Introduction to LEED Version 4 and ASHRAE Energy Standard 90.1-2010 Engineering Ethics - Florida Laws & Rules Reception & Welcome Dinner on your own After-Hours Hospitality
Friday, June 13 3 PDHs Available	7:30 a.m. - 10:00 a.m. 9:00 a.m. - 10:30 a.m.. 8:00 a.m. - 8:30 a.m. 8:30 a.m. - 9:45 a.m. 9:45 a.m. - 10:45 a.m. 10:45 a.m. - 11:45 a.m. 11:45 a.m. - 1:00 p.m. 1:00 p.m. - 7:00 p.m. 7:00 p.m. - 9:00 p.m. 9:00 p.m. - 11:00 p.m.	Registration & Exhibit Hall Opens Spouse/Kids Continental Breakfast Welcome & Breakfast Public Private Partnerships for Florida Transportation: Lessons Learned Brian Peters, Assistant Secretary Finance & Administration Florida Department of Transportation Public Private Partnerships for Vertical Construction: Outlook for Georgia’s Future Al Petrangeli, Division President, Georgia Balfour Beatty Construction Engineering ‘Environment’ Jud Turner, Director, Environmental Protection Division, Georgia Department of Natural Resources Association Lunches Golf Tournament or Beach/Free Time Family Dinner & Beach Party After Hours Hospitality
Saturday, June 14 7 PDHs Available	8:00 a.m. - 11:45 a.m. 11:45 a.m. - 12:45 p.m. 12:45 p.m. - 4:15 p.m. 7:00 p.m. - 10:00 p.m. 7:00 p.m. - 10:00 p.m. 10:00 p.m. - 12:00 a.m.	Breakout Sessions will include a variety of topics of interest to PEs on transportation, energy, vertical construction, site civil, business growth and development, etc. Buffet Lunch Breakout Sessions Continue Kids Night Out Reception, Dinner & Gala After Party with Live Music by <i>Odd Man Out</i>
*You may earn up to 10 hours of Professional Development Hours during the core conference and/or 4 hours during the pre-conference program (14 total hours). Please note that continuing education requirements differ among State licensing boards. It is the responsibility of the individual professional engineer to verify compliance in each state in which he/she is licensed. Florida Provider #0005332 This schedule may change as program is finalized. Please refer to the agenda in the on-site registration packet for final schedule and event locations.		

Letter from the Summer Conference Planning Committee Chair



Dear Georgia Engineers and Friends,

It is my pleasure to invite you to join your professional colleagues this June for the Georgia Engineers' Summer Conference to be held this year at the beautiful Hammock Beach Resort in Palm Coast, Florida.

I attended the Summer Conference for the first time last year and felt that it offered tremendous value, even for a mid-career engineer like myself. As part of the organizing committee for this year's conference, I am especially pleased to see the focus on developing a broad range of professional development content that would appeal to everyone from seasoned engineers to the younger "future leaders" of the engineering profession, as well as content that covers a wide variety of engineering disciplines.

This year's Summer Conference will have a pragmatic focus on the unique leadership and professional development needs of the engineering profession, with the goal of providing a significant ROI for everyone who attends. In addition, the Conference is an opportunity for attendees to strengthen their networking pipeline and to better understand and develop sustainability within our industry. The Conference is also a great way to develop younger engineers, by providing them with information that will build the professional, personal and intellectual skills they need to move to the next level within their firms.

Oh, and it will also be a lot of FUN!

I am excited to see the Summer Conference evolve to include presentations on topics and engineering disciplines that may have been underrepresented in the past. My hope is that there is "something for everyone" in this year's Summer Conference and that you find it to be very worthwhile, no matter what your engineering discipline and no matter what stage you are in your career.

Please join me, along with our sponsors and exhibitors for what promises to be a fun and meaningful experience and a summer conference to remember!

Sincerely,

Anita Atkinson, P.E.

Patterson & Dewar Engineers Inc

Summer Conference Planning Committee Chair



Join Us for the 2014 Georgia Engineers Summer Conference

Hammock Beach Resort

14 PDHs Available!

Hammock Beach Resort

Escape to Hammock Beach Resort, a luxury vacation resort in Palm Coast, Florida, with family accommodations, championship golf courses, kids recreation programs, restaurants and luxury spa services.

The Conference will include a Golf Tournament, Beach Party, Gala and concurrent Kids Night Out as well as after-hours hospitality PLUS diverse options to earn your PDHs.

200 Ocean Crest Dr. Palm Coast, FL 32137
Call 855-342-3602 to make your reservation. Mention you're part of the Georgia Engineers Conference for special rates (special rate cannot be attained if you reserve online)



Costs to Attend:

Member ACEC, ASCE, GSPE: \$450 *per person*
Government Employee or Retired Member: \$250 *per person*
Nonmember: \$550 *per person*

Additional Fees NOT included in Registration

- **Thursday session:** LEED, NPDES Recertification or Florida Ethics \$25 *per person*
- **Golf:** \$140 *per person*
- **Spouse/Guest:** \$150 *per person* (includes Beach Party, Gala and Continental Breakfast)
- **Children 3-12:** \$75 *per child* (includes Kids Party (which takes place during the Gala), Beach Party and Continental Breakfast)

Cost to Exhibitor:

- \$600 *per person* ACEC, ASCE, GSPE Members
- \$650 *per person* Nonmembers

Additional Fees NOT Included in Exhibitor Fee:

- **Beach Party:** \$75 *per person*
- **Gala:** \$100 *per person*

Resort-casual Dress for All Events

More information on attending, exhibiting and sponsoring can be found at acecga.org or contact Jennifer Head at 404-665-3539, jennifer.head@acecga.org.

June 12-14, 2014

Gala Keynote Spotlight

Engineering Disney: The Reality Behind the Magic - Walt Disney World is known as the “Most Magical Place on Earth,” but few understand the significant engineering challenges involved in making that magic a reality. Get a behind the scenes look from a former Disney engineer at how different engineering disciplines work together to plan, design and build one-of-a-kind structures and use groundbreaking technology to create experiences that bring fantasy to life. But it’s not all pixie dust... Walt Disney World is a 43 square mile city (that’s the same size as San Francisco), with its own government (the Reedy Creek Improvement District), its own building codes (the “EPCOT Building Codes”) and the workaday challenges of providing power, water, wastewater, trash, maintenance and transportation for a “city” with 65,000 onsite employees and 52 million guests a year.

Pre-Session

Engineering Ethics - Florida Laws & Rules

Ed Bayó, Attorney at Law, Mertzger, Grossman, Furlow & Bayó, LLC

An Introduction to LEED Version 4 and ASHRAE Energy Standard 90.1-2010

Jeff Ross-Bain, Principal, Ross-Bain Green Building, LLC

NPDES Recertification Class for Level 2 Design Professionals

Don Johnson, Program Manager, Atkins

General Session Keynote

Public Private Partnerships for Florida Transportation - Lessons Learned

Brian Peters, Assistant Secretary Finance & Administration, Florida Department of Transportation

Public Private Partnerships for Vertical Construction - Outlook for Georgia's Future

Al Petrangeli, Division President, Georgia Balfour Beatty Construction

Engineering “Environment”

Jud Turner, Director, Environmental Protection Division, Georgia Department of Natural Resources

Breakout Session Topics

- Enhancing Overhead Rates Through Compensation Policies
- Practical Application of Physical Security Criteria
- The New ASTM Phase 1 Environmental Site Assessment Standard
- Smart Grid Technology
- GDOT and Local Government Partnering Success: SuperSlab Technology in Urban Transportation Redevelopment Projects
- How to Transfer Your Firm’s Ownership to the Next Generation
- Dealing with the Deferred Maintenance Crisis
- Growing Your Firm through Organic Growth
- Neuromarketing: Now That’s Using Your Brain
- How Will I Get Through this Wicked Project
- Commissioning of Data Centers
- Attracting, Retaining & Rewarding Top Engineering Talent



AL PETRANGELI
Division President,
Georgia
Balfour Beatty
Construction



BRIAN PETERS
Assistant Secretary
Finance &
Administration,
Florida Department
of Transportation



JUD TURNER
Director,
Environmental
Protection Division,
Georgia Department
of Natural Resources



DON'T
apply a Band-Aid fix
when you need a long term solution

CONCRETE AND MASONRY REPAIRS

- Complete surface repairs
- Spall repairs
- Epoxy Injection for structural crack repair
- Protective coatings to extend the usable life
- Strengthening with carbon fiber, E-glass, and steel cords for structural upgrades and capacity increase

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