



The Pittsburgh Professional Engineer
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MATHCOUNTS®

REGISTRATION FOR MATHCOUNTS® 2008-2009 PROGRAMS IS OPEN TO ALL U.S. MIDDLE SCHOOLS

As students return to classrooms to begin the new school year, MATHCOUNTS (www.mathcounts.org) is gearing up for its 26th year of providing teachers and coaches with new programs, promotions and math problems that engage and educate middle-schoolers in fun and exciting ways. In addition to the free Math Club Program available to any middle school that wants to form a math club, The MATHCOUNTS Competition Program will also help prepare them for the national Math Bee that will be held next year on May 8, 2009 in Orlando, Florida.

MATHCOUNTS® is a non-profit national math enrichment, coaching and competition program that promotes middle school mathematics achievement in every U.S. state and territory, and is one of the most successful education partnerships involving volunteers, educators, industry sponsors and students in America.

"Middle school is the perfect time to teach kids about creative problem solving and to encourage and help guide critical thinking," according to Lou DiGioia, Executive Director of the MATHCOUNTS Foundation. "Our Competition and Math Club materials help make learning math as fun and as challenging as a school sport. It's a winning experience—and one that prepares our Mathletes® for success in science, technology, engineering and mathematics careers. They represent our future in a changing world and global economy.

Registration for the 2008-2009 MATHCOUNTS Competition Program or MATHCOUNTS Club Program is now open by registering on the web site (www.mathcounts.org). Currently more than 50,000 copies of the MATHCOUNTS School Handbook will be distributed to middle schools across the country this week. Thousands of teachers currently use the free materials every year to supplement classroom materials or as an extracurricular activity.

MATHCOUNTS programs capitalize on a pivotal point in a child's development by exposing students to more math and engaging them in fun activities. The programs offer teachers, kids and parents terrific free materials to aid them in math enrichment and MATHCOUNTS prepares kids for a high-tech future that will require mathematics related skills to achieve success. Over the last 25 years, more than 7 million students have used MATHCOUNTS materials and over 41,000 middle-schoolers from all 50 states and U.S. Territories compete in local and regional MATHCOUNTS Competitions each year. The final 228 students advance to the Raytheon MATHCOUNTS National Competition to vie for the top spot as the national math bee winner.

Launching in late fall 2008 will be an invaluable math resource, the MATHCOUNTS OPLET, a database of 10,000 problems and the ability to work with them to create personalized worksheets, flash cards and Problems of the Day. After purchasing a 12-month subscription to this online resource, the user will have access to MATHCOUNTS School Handbook and MATHCOUNTS competition problems from the past 10 years and the ability to extract the problems in personalized formats. Materials and information are available at the newly redesigned website www.mathcounts.org.

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Upcoming Pittsburgh Chapter Activities

Christmas Celebration – NEW DATE

The Annual Chapter Christmas Celebration will be held on **December 6, 2008** at the **Engineer's Society on 4th Avenue**. The Celebration will take on a new tone and some new activities this year. Mark your calendar ahead of time to see what the season has in store and enjoy good food, drink and friendship during this wonderful season.



Celebrate - National Engineers' Week Banquet

This year, our celebration of National Engineers' Week will take place at the Club at Nevillewood, on **Saturday, February 28, 2009**. Some of you may ask, "why then?" In order to be able to hold our Mathcounts competition at RMU, the competition needs to take place on February 21, 2009. As one of our special recognitions during our banquet is of the wonderful Mathletes who are the top team and individuals at our Chapter competition, we needed to be flexible and make our banquet on February 28th.

Mark your calendar for that Saturday evening. It is always a wonderful event and one of the times when we can recognize those within our profession who have excelled.

2007-2008 Chapter Officers

President – Tom Weber, P.E.	Executive Secretary – Jon Drosendahl, P.E.
President Elect – Dave Samek, P.E.	Treasurer - John Broscious, P.E.
Vice President – Joe Garlicki, P.E.	Financial Secretary - Reyman Branting, P.E.
State Director - David Briskey, P.E. 2005-2008	Immediate Past President – Virginia Dailey, P.E.

2007-2008 Chapter Directors

Jeff Mazza, P.E. 2005-2008	Brian Schull, P.E. 2006 - 2009
Vacant Position 2005-2008	Kirk Thompson, P.E. 2007 – 2010
Vacant Position 2006 - 2009	Joe Garlicki, P.E. 2007 - 2010



PENNSYLVANIA SOCIETY OF PROFESSIONAL ENGINEERS PITTSBURGH CHAPTER

Invites all jolly Holiday Members and Guests to the Annual

CHRISTMAS CELEBRATION



Date: Saturday, December 6, 2008
Cocktails: 6:30 PM Social (Cash Bar)
Dinner: 7:00 PM

Come and celebrate the beginning of the Holiday Season at our Annual Christmas Celebration. It will be held at the Engineer's Society on 4th Avenue. Come and see the surprise for this year's celebration!

Dinner Choice : Choose one of the following (if more than one attendee, indicate the number of each choice):

- ___ *Veal Shitake, Shitake Mushrooms, Capers, Cream, and Cognac*
___ *Chicken Caesar, Saute with Escarole, Black Olives, Fire Roasted Peppers, and Romano Cheese Sauce*

The dinner entrees are served with fresh garden salad, assorted rolls & butter, coffee, decaf, tea & iced tea and Chef's choice of starch, vegetable and dessert.

Name : _____ Contact Info: _____

Guest: _____

Please bring your favorite Christmas CD with you to the party for your listening pleasure during the evening!

You may make your reservation by filling in this form and mailing or faxing it to the Chapter office. You may also phone in all of this information to us. If you choose to make your reservation via e-mail, do not e-mail your credit card info. Payment may be made by calling in your credit card info, faxing this filled in form, or mailing this form with credit card info or enclosing a check. **Cost of Dinner is \$32.00/person if reservations are made by November 25, 2008.** After that time, the cost is \$35.00/person.

Payment Options:

Credit Card: ___ MASTERCARD ___ VISA, Card Number: _____

Name (as it appears on the credit card): _____

Billing Zip Code : _____ Expiration Date: _____

Check enclosed payable to PSPE Pittsburgh Chapter & mailed to 337 Fourth Ave., Pittsburgh, PA 15222
Office Phone number (412) 391-0615 e-mail: PSPE@PittsburghPE.Org
Office fax (412) 261-1606 Mailing Address: PSPE, 337 Fourth Avenue, Pittsburgh PA 15222



PENNSYLVANIA SOCIETY OF PROFESSIONAL ENGINEERS
PITTSBURGH CHAPTER

Invites all current and prospective members to the

NOVEMBER 15, 2008 Meeting

Site Tour of the Casino Facility

Beaver Avenue and North Point Drive

On Saturday morning, 10:00am, November 15, 2008, the Pittsburgh Chapter of PSPE will be taking a tour of the construction site for the North Shore Casino facility.



Those in attendance will need to have a **HARD HAT**, **WORK BOOTS** and if you have a safety vest, bring that too. The tour is limited to 30 people, so the first 30 that make their reservation will be the lucky ones!

We will meet at the parking lot of the Cardello Building (under the West End Bridge), at the intersection of Beaver Avenue and North Point Drive (use these street names and location if you Mapquest a map). Tom Weber, our Chapter President will be coordinating the tour. If you need further directions on the day of the tour, call him at (412) 812-3967.

You may make your reservation by filling in this form and mailing or faxing it to the Chapter office. You may also phone in all of this information to us.

Name : _____ **Contact Info:** _____

Guest: _____

Office Phone number (412) 391-0615
Office fax (412) 261-1606

e-mail: PSPE@PittsburghPE.Org
Mailing Address: PSPE, 337 Fourth Avenue, Pittsburgh PA 15222



Apprenticeship Program 2008 - 2009

The Apprenticeship program of the PSPE Pittsburgh Chapter is now in full swing. We want to extend our appreciation to all of the program supporters and sponsors. A list of some of the sponsoring companies can be found on the Pittsburgh Chapter web site (www.pittsburghpe.org). These companies donate their employees' time to help the students understand a little more about engineering careers, activities and more.

The tentative schedule for this year has the following participants and visits:

Group 1

Tuesday, November 4 – Medrad - Indianola
Monday, November 17– UPMC Passavant
Wednesday, December 10 HDR – Downtown



Group 2

Tuesday, November 4 – Medrad - Indianola
Monday, November 17 – University of Pittsburgh
December – yet to be scheduled
4th wk of January – DMJM Harris – Downtown

DMJM HARRIS | AECOM

Group 3

Wednesday, October 22 – Maglev – McKeesport
Monday, November 17 – University of Pittsburgh
December – not firm



Group 4

Wednesday, October 22 – Maglev - McKeesport
Tuesday, November 11 – Bombardier Transportation – Lebanon
Church Rd. South Hills
Thursday, December 11 – Pittsburgh Materials Technology, Inc. – Rt. 51
South of Century III Mall

BOMBARDIER

PITTSBURGH
MATERIALS TECHNOLOGY, INC.

Group 5

Tuesday, October 21 – Michael Baker @ Airport
Wednesday, November 19 – Astorino – Downtown
December – yet to be scheduled



The program can always use additional Pittsburgh Chapter members as volunteers for help in scheduling and coordinating site visits. This is a great time to step forward to become involved with future engineers. Get involved! Please contact Dave Briskey (412-475-2190, djbriskey@dickcorp.com) or Reyman Branting (412-486-0530, bernardi11@comcast.net).



THREE RIVERS PARK

Three Rivers Park is a series of interconnected places and destinations along the three rivers between the West End Bridge on the Ohio, the 31st Street Bridge on the Allegheny and the Hot Metal Bridge on the Monongahela. Linking more than ten miles of public and private riverfront property including bridges, shorelines and adjacent development, Three Rivers Park will be a continuous, accessible waterfront park system. Picture a continuous flow of trails, walkways, bridges, and green spaces that together will comprise a single, grand public space known as Three Rivers Park.

Once complete (total project scheduled to be completed by 2020), Three Rivers Park will erase the notion that, “there’s nothing to do around here.” You will find everything from water landings and marinas to public art and historic installations to restaurants and event venues. Young, old, men, women, single or married with kids. Anyone and everyone will be able to take advantage of this great resource.

Kayaking anyone? How about some waterskiing? Or maybe some good old fashioned fishing? The recreational opportunities within the park are countless. We’ve got a lot of water to play in. Three Rivers Park makes it easier to take advantage of it all. You can see more details and information at www.riverlifetaskforce.com.

[Venture Outdoors](#)

It’s called the Great Outdoors, and Venture Outdoors makes it easy to have a great time when you’re out there. For a complete list of activities, visit them online.

[Kayak Pittsburgh](#)

Paddle around town in a rented kayak. See Pittsburgh from a unique perspective. Play slalom with the ducks. Bring the kids.

[Golden Triangle Bike & Skate Rentals](#)

Three Rivers Park is filled with miles of scenic bike trails. But what if you don’t have a bike? No worry, you can rent one—or a pair of blades—at Golden Triangle Bike & Skate Rentals.

[Friends of the Riverfront](#)

Be a good friend. Help Friends of the Riverfront increase awareness of the rivers and riverfronts by participating in activities like river clean-ups, Riverfronts Naturally planting days, and other stewardship opportunities.

[Three Rivers Rowing](#)

The (stroke!) Three Rivers Rowing Association (stroke!) offers rowing, kayaking and dragon boating (stroke!) for individuals, schools and (stroke!) organizations. Come check out our two facilities on Washington’s Landing and in Millvale Waterfront Park.

[Allegheny Trail Alliance](#)

True trailblazers. The Allegheny Trail Alliance is working to build a continuous 150-mile hiking and biking trail from Pittsburgh to Cumberland, MD.

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2008-2009 CALENDAR

MEMBERSHIP EVENTS & MEETINGS

Date	Time	Description	Location
Nov. 15, 2008	10:00am	Tour of the Casino Facility	Cardello Building
Dec. 6, 2008	6:30pm	Christmas Celebration	ESWP
Jan., 2009	6:30pm	Monthly Meeting	ESWP
Feb. 21, 2009	8:00am	MATHCOUNTS Competition	RMU
Feb. 28, 2009	6:30pm	Engineers' Week Banquet	The Club at Nevillewood
Mar., 2009	6:30pm	Monthly Meeting	ESWP
April, 2009	6:30pm	Monthly Meeting	ESWP
May, 2009	6:30pm	Monthly Meeting	ESWP
June 2008	TBD	Installation of Chapter Officers, & Recognition of Apprenticeship Participants	TBD

BOARD OF DIRECTORS MEETINGS WILL BE HELD ON: Nov. 13, 2008, Dec. 11, 2008, Jan. 8, 2009, Feb. 12, 2009, Mar. 12, 2009, April 9, 2009, May 14, 2009 and June 11, 2009

All BOD meeting are to held @ 5:30PM @ the ESWP Building pending further notice.