President’s Message
By Benjamin Brown, P.E.
– FCC President

I’m very excited to serve as the Chapter’s president for another exciting year! We are always looking for new members to grow our OSPE Chapter and add popular activities that our members wish to attend. Please contact me at Ben.Brown@ibigroup.com if you would like to participate and grow your career, and I will connect you to the appropriate committee chairs.

The 2018-2019 events calendar is still being updated with continuing education luncheons held at LaScala on the third Thursday of the month. However, the backbone structure remains the same, and every year NSPE/OSPE members devote time and resources to the following events:

- Imagine Engineering Coloring Contest where 12 schools were visited last year and 860 2nd Graders participated.
- Regional MathCounts held at CSCC where hundreds of sixth, seventh and eighth graders test their math skills in group and individual competitions.
- Engineer for a Day that takes place during Engineers Week (Feb 17-23). This event brings high school students into the engineering workplace to observe what engineers do and how they operate in the engineering profession.
- Science Day is where students in grades 5-12 are offered an opportunity to learn and practice the principals of scientific research, meet others in scientific study and earn admiration for academic excellence. - Continued on Page 2

OSPE-FCC September Luncheon Program

Date: Thursday, September 20, 2018
Place: La Scala Restaurant
        4199 W. Dublin Granville Rd., Dublin, OH
Time: Registration: 11:30 am
        Lunch: 11:50 am
        Speaker: 12:00 pm
        Closing Remarks: 1:00 pm
Cost: Members: $20.00 & Non-Members: $30.00.
Registration: Visit fccospe.org. Pay at door or online at (www.fccospe.org). No access to computer? - contact Jim Arnold, 614-299-2133, to help with registration.

Title: "Asphalt Pavement Rehabilitation Techniques “

Synopsis: The presenter will be discussing why the state has taken a major shift towards preventative road maintenance and the tools that are being used. Treatments that will be discussed will be crack sealing, micro surfacing, cape sealing, chip seal interlayer’s and a new technology that will be tested in Delaware County in 2018. He will instruct the attendees on the appropriate timeframe to use such treatments for maximum results. Finally, the City of Cincinnati and Columbus have taken part in large preventative maintenance projects over the past several years. He will review results and the unique way Cincinnati has administered their projects.

PRESENTER: Zack Helm, Technical Sales and Marketing, Strawser Construction, Inc

- Continued on Page 2
President’s Message – Continued from Page 1

I would also like to thank our corporate sponsors whose business cards are presented in our monthly newsletters for the support of our chapter’s events. I would also like to acknowledge our members getting active with The Ohio State University OSPE Student Chapter. Continuing to promote our profession and provide support for our future leaders.

On Sept 23rd at the Ohio State House – OSPE will have a ceremony for the new PEs’ that passed the Principles and Practice of Engineering Exam to pass out their certificates. This is always a great experience for me to meet the PEs’ and their families to congratulate them for the effort and wish them continued success in their careers. At the end of the ceremony, together we state the Engineers’ Creed with the new professionals – pledging for the betterment of human welfare.

Engineers’ Creed

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge:

To give the utmost of performance;
To participate in none but honest enterprise;
To live and work according to the laws of man and the highest standards of professional conduct;
To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.

In humility and with need for Divine Guidance, I make this pledge.

Luncheon Program – Continued from Page 1

BIOGRAPHY: Zack Helm, graduated from Mount Vernon Nazarene University in 2007. I have been working with Strawser Construction since 2012 but have grown up in the pavement preservation industry throughout my entire life. My main responsibility at SCI is to educate agencies on the different tools on the market to help extend pavement life. I assist with street assessments, specification updates, & new product/business development.

PRESENTER: Tim Herbst, Strawser Construction, Inc

BIOGRAPHY: Tim Herbst, has almost 20 years of experience in the industry and will assist Zack Helm.

FCC Auxiliary September Meeting

The Auxiliary to the Franklin County Chapter of OSPE will meet for a noon luncheon on Tuesday, September 18, 2018 at Worthington Hills Country Club, 910 Clubview Blvd. South, Worthington, Ohio. Barbara Fuller will present a program on Pictured Rocks National Lakeshore Park, Munising, Michigan.

Guests are welcome. For Reservations call Agnes Benedict at 614-262-7346.
Advertising Space Still Available!

If you would like to have your company information or company logo displayed in every monthly issue of the *Columbus Engineer* for the 2018-2019 fiscal year, please contact Ben Brown OSPE-FCC Chapter President, at ben.brown@ibigroup.com or 614-519-8978 for pricing details!

NSPE Praises Call for More Railroad Bridge Safety Specialists

**Date:** Friday, August 10, 2018

After a railroad bridge collapsed in downtown Syracuse, Senator Charles Schumer of New York has launched a push to increase the number of federal railroad bridge safety specialists nationwide. In a letter submitted to the Senator, NSPE commended Schumer for calling on the Federal Railroad Administration to add more railroad bridge safety inspectors and urged that professional engineers continue their unique role in ensuring these inspections are performed competently and with appropriate technical rigor.

Chapter Area Increased in Size!

The OSPE Board of Directors recently moved two more Counties into the Franklin County Chapter area, making the Franklin County Chapter now having fourteen Counties in its Chapter Area.

Counties in the chapter Area:

- Delaware
- Marion
- Fairfield
- Morrow
- Franklin
- Muskingum
- Hocking
- Perry
- Knox
- Pickaway
- Licking
- Ross
- Madison
- Union

Franklin County Chapter is one of the most active and largest Chapters in OSPE.
2018 FCC-OSPE Outstanding Engineering Educator Award

The FCC-OSPE Outstanding Engineering Educator award is presented to a member of the Engineering faculty of an ABET-accredited Engineering program at a University located in the Franklin County Chapter area. The award recipient shall have at least five years of experience subsequent to graduation from an accredited Engineering school and must be teaching an Engineering course during the current term. This award is based on the education/degrees earned by the recipient, special scholastic honors that the recipient has achieved, membership in Honorary societies, teaching experience, other Engineering Faculty Assignments, Professional Registration, Professional Experience, research completed and in progress, papers, publications and patents, presentations, outside activities, involvement in community programs and accomplishments, and awards and recognitions.

This year’s award recipient, Dr. Daniel Eduardo Pradel, has 30 years of experience in industry designing dams, levees, transportation projects, retaining structures, and building foundations across four continents prior to joining academia. He was Vice President of Shannon and Wilson, a design firm on the West Coast prior to joining The Ohio State University.

At OSU, he has been instrumental in upgrading the undergraduate Civil Engineering Laboratories and upgrading the curriculum. In 2017, he created a brand new course, CE3541-Geotechnical Laboratory which contains 14 performed laboratory tests. In addition to his regular course load and serving on several University Committees, he is generous with his time in volunteering as a consultant for various capstone teams and mentoring Junior Faculty.

Dr. Pradel has a diploma from the Swiss Institute of Technology in Lausanne, Switzerland, a Ph.D. from the University of Tokyo, and Post-Doctorate from UCLA. is a Fellow American Society of Civil Engineers (ASCE) and is extremely active within ASCE at both, the local (Central Ohio section) and the National level, where he is a member of national committees on education and accreditation as well as an associate editor of the Journal of Geotechnical and Geo-Environmental Engineering.

In October 2017, he was selected by the National Science Foundation to travel to Puerto Rico to assess the impact of Hurricane Maria on the island’s infrastructure, including dams, bridges, and various lifelines. Dr. Pradel has PE licenses in California (Civil and Geotechnical), Nevada (Civil), Hawaii (Civil), and Utah (Civil). He has an impressive listing of publications and papers involving his research at sites affected by extreme events, including hurricanes, earthquakes, and tsunamis. Since July 2017, he has been a commissioner of ABET where he has performed accreditation visits for over 10 years.

Dr. Pradel was a worthy recipient of the FCC-OSPE Outstanding Engineering Educator Award that he received at La Scala Ristorante on Wednesday, May 16th and he also received the 2018 OSPE Outstanding Engineering Award at the All Ohio Engineering Conference on Saturday, June 16th.
SPE @OSU
- By Madison Lubman

SPE @OSU is a student chapter of the National Society of Professional Engineers at The Ohio State University. At the end of August, we participated in the Student Involvement Fair on campus. We gained a lot of interest while discussing the student chapter with potential students. We had a brief meeting to further involve the members and discuss the goals of the student chapter in correlation to the county chapter.

Moving forward, our main focus is to plan for the upcoming fall semester and to have events throughout the year to continue to build engagement between the student chapter and FCCOSPE. We would be recruiting through additional information sessions, socials as well as potentially partnering with other established engineering groups.

We are continuously reaching out to local engineers to potentially come in for information sessions to help create connections for our members. We would love to host any members of FCCOSPE that are interested in talking about their experiences as engineers and their companies. Please reach out to the president Madison Lubman with inquires. Tim has been great with providing resources to enhance our student organization and we would love to make our relationship stronger.

Our student member spotlight is the president of the student chapter, Madison Lubman. Madison is currently in her last year of undergraduate at Ohio State University studying Biological Engineering specializing in biomaterials. She has been involved with the SPE @OSU since its initial year. Madison is also involved with research under professor, Dr. Chavez, and is the Director of Visual and Fine Arts of the Ohio Union Activities Board. Madison is excited to finish her fourth year strong and to see the student chapter grow this year!
2018-19 CALENDAR

Aug. 24 10:00 a.m. Deadline for September Columbus Engineer
Sept. 11 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Sept. 20 11:30 a.m. Program: Asphalt Pavement Rehabilitation Techniques
                  – Zack Helm
Sept. 24 5:00 p.m. Deadline for October Columbus Engineer
Oct. 9 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Oct. 15 5:00 p.m. Deadline for November Columbus Engineer
Oct. 18 11:30 a.m. Program: Installation of Sod & Piping at Falcon Stadium
                  – Issam Khourt
Nov. 1-2 OSPE Fall CPD Conference
Nov. 13 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Nov. 15 11:30 a.m. Program: TBA
Nov. 30 5:00 p.m. Deadline for December Columbus Engineer
Dec. 11 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Dec. 17 5:00 p.m. Deadline for January Columbus Engineer
Jan. 8 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Jan. 14 5:00 p.m. Deadline for February Columbus Engineer
Jan. 17 11:30 a.m. Program: Drones Industry Usage
                  – Mike Kronander
Feb. 9 8:00 a.m. Regional MathCounts Competition @ CSCC
Feb. 12 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Feb. 15 5:00 p.m. Deadline for March Columbus Engineer
Feb. 17-23 National Engineers Week (see www.eeweek.org)
Feb. 21 8:00 a.m. – 3:00 p.m. Engineer for a Day Program
Feb. 21 11:30 a.m. Program: E-Week Luncheon
Mar. 9 8:15 a.m. – 4:00 p.m. Ohio MathCounts Competition (OSPE, see www.ohioengineer.com)
Mar. 12 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Mar. 21 11:30 a.m. Program: TBA
Mar. 15 5:00 p.m. Deadline for April Columbus Engineer
Mar. 16 6:30 p.m. Chapter Officer Installation/ Awards Dinner
Apr. 9 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
Apr. 15 5:00 p.m. Deadline for May Columbus Engineer
Apr. 18 11:30 a.m. Program: TBA
May 14 5:30 p.m. FCC Board Meeting @ Terracon Consultants, Inc.
May 17 5:00 p.m. Deadline for June Columbus Engineer
May 16 6:30 p.m. Chapter Officer Installation/ Awards Dinner
July 5:00 p.m. FCC Budget Meeting - Location to be announced

WHERE DO I GET MORE INFORMATION?

OSPE-FCC President E-mail & Phone: ben.brown@ibigroup.com (614) 519-8978
OSPE-FCC WEBSITE: www.fccospe.org
OSPE WEBSITE: www.ohioengineer.com
NSPE WEBSITE: www.nspe.org
To volunteer to help with MATHCOUNTS: benjamin_brown68@yahoo.com (614) 519-8978
To volunteer to help with Science Day: yogesh.rege@terracon.com (614) 863-3113
To volunteer to help with OSU Student Chapter: mccarthy.226@osu.edu (614) 247-1561
To volunteer to help with Imagine Engineering: devon_seal@gspnet.com (614) 221-0678
FCC Luncheons / Programs: lewinget@att.net (614) 552-1697
New Members / Membership Application: www.nspe.org or www.ohioengineer.com (614) 223-1144

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Revised 9-6-2018 dmm

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FRANKLIN COUNTY CHAPTER
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