



Columbus Engineer

Franklin County Chapter

A chapter chartered by the Ohio Society of Professional Engineers.

P.O. Box 69
Reynoldsburg, OH 43068-0069

May 2024
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President's Message

Mehrdad Rowhani, P.E.
– FCC President



Our 2024 FCC-OSPE Awards and Installation ceremony will be held on Thursday June 6, 2024 at Giammarco's Italian Restaurant in Westerville. More details on the event will be sent to you via email. I encourage our members and award winners to attend the ceremony. These officers and trustees have been elected by our members as the result of the election conducted in March. I would like to thank all of the members who participated in the election and supported our chapter. The officers and trustees will begin serving on July 1, 2024 for the 2024-2025 administrative year. These dedicated individuals are ready to take on the responsibilities and lead our Chapter and programs in the upcoming year. Please see the article in this issue for the 2024-2025 Officers and Trustees elected.

Our continuing professional development (CPD) program in April featured Michiel Brongers presenting the topic "Integrity Management for Oil and Gas Pipeline Systems". I would like to thank Michiel for his great presentation. The Imagine Engineering second grade coloring competition conducted in March. Congratulations to all the winners!



See details in this issue for the up-coming OSPE-FCC May Luncheon Presentation by Dr. S. Rao Chitikela, on Thursday, May 2, 2024 at the Hickory House in Gahanna. Title: "PFAS' Effects on Municipal Water and Wastewater Systems".

I encourage you to check and renew your NSPE/OSPE membership, update your contact information as needed, and participate in our programs. We need more volunteers to support our Chapter.

Mehrdad Rowhani, PE, PMP
OSPE-FCC President

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OSPE-FCC May Luncheon Program



Date: Thursday, May 2, 2024

Place: Hickory House

550 Officecenter Pl., Gahanna, OH 43230

Time: Registration: 11:30 am

Lunch: 11:50 am

Speaker: 12:00 pm

Closing Remarks: 1:00 pm

Cost: Members: \$25.00 & Non-Members: \$35.00.

SPE@OSU Students: \$10.00

Registration: Visit www.fccospe.org Register on-line with debit/credit card, pay by check or cash at the door. No access to a computer, contact Steve Day, at 614-876-7525, to help with registration.

Title: "PFAS' Effects on Municipal Water and Wastewater Systems"

Abstract: PFAS' removal is critical at municipal water systems. USEPA is setting enforceable individual-MCL of 4.0-ppt on PFOA and PFOS and, 10-ppt for PFNA, PFHxS, and "GenX Chemicals." Under clean water action, USEPA is verifying wastewater effluent guidelines. This presentation includes technologies for PFAS removal and projected cost effects to municipal water facilities.

Learning objectives:

- PFAS and chemical characteristics;
- Technologies for PFAS-removal;
- Resolution-requirement(s) on removal of PFAS; and,
- Cost effects to municipalities.



Presenter: Dr. S. Rao Chitikela, PhD, PE, PEng, BCEE, F. ASCE. Executive - Water, Energy, & EHSs, RC-WEE Solutions LLC

Biography: S. Rao Chitikela holds a PhD in Civil Engineering and has a 30-yr work experience encompassing the government, industry, and academia. Rao is currently an independent consultant providing services on water-infrastructure updating, energy-efficiency, and EHSs. Dr. Chitikela has proven expertise on: drinking water quality; drinking water and wastewater processing, and effective disposal of solids; water-reuse; biogas-to-energy CHP renewable-systems and other renewables; air pollution control; and environmental permitting, auditing, & compliance verification. He is a registered professional engineer in a few states of US and AB-Canada, and AAEES board certified environmental engineer (BCEE) in the specialties of Water supply & Wastewater (currently, Chair of the committee), Air Pollution Control, and Environmental Sustainability. Rao has advised with a technical leadership role on supporting the water-infrastructure upgrades at various cities, towns, and villages in the US, where the project(s) are delivered via a verified, guaranteed, and positive-cashflow observed performance assurance infrastructure delivery (PAID) model and that meeting requirements of sustainability and resilience. Dr. Chitikela memberships in technical and professional societies include NSPE, AAEES, ASCE, WEF, AWWA, A&WMA, SWANA, ACS, and IEEE.

A certificate for 1 hour of Professional Development for attending the program will be emailed to the attendee.



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2024-2025 Election Results

Congratulations to our recently elected officers for the 2024-2025 fiscal year which starts July 1, 2024, and thanks to those who voted in the chapter election. Our new officers will be President S. Rao Chitikela, PhD, PE, Vice President/President Elect Derek Kiss, PE, Vice President Eric Bates, PE, Secretary Zach Wedekind, PE, Treasurer L. Steve Day, PE, FNSPE, PEC Trustee Ken Goodson, PE, HFDP, LEED AP, PEI Trustee Richard Smelker, PE, PEPP Trustee Greg Nortz, PE. We also have PEG Trustee C.R. Weaver, PE, PEHE Trustee Tim McCarthy, PE, PEHE Trustee S. Rao Chitikela, PhD, PE, PEPP Trustee Nathan Abele, PE, Retired Engineers Trustee Bob Fuller, PE, and Young Engineers Trustee Zach Wedekind, PE who will be entering the second year of their two-year terms. The installation will occur on June 6, 2024.



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All-Ohio Engineering Conference

All-Ohio Engineering Conference offers virtual CPD & in-person activities!



NSPE-OH
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**2024 ALL-OHIO
ENGINEERING CONFERENCE**
June 13-14 | 12 Virtual CPD Hours
June 15 | Embassy Suites Columbus Airport

Earn 12.0 virtual CPD hours, Thursday & Friday, June 13-14, and enjoy in-person engineering fellowship in Central Ohio on Saturday, June 15. Saturday's activities include the Awards Luncheon (including EFO's 60th anniversary), OSPE Annual Meeting, EFO Annual Meeting, and Joint Installation Ceremony at Embassy Suites Columbus Airport.

Register by June 7.

Get program details & register [HERE](#)



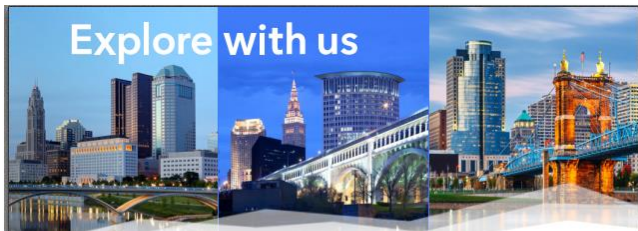
EFO Benefit Golf Outing

Join us on Friday, May 31, for a day of fun & to help advance engineering education in Ohio.

Join us at Bent Tree Golf Club, **Friday, May 31**, For the Engineers Foundation of Ohio's 31st Benefit Golf Outing. This is a fundraiser for engineering and math education in Ohio to help school children, gifted teens, engineering college students, and young engineers entering the profession through MATHCOUNTS, Imagine Engineering, college scholarships, the Engineers Leadership Institute, and the Engineering Your Career publication. Register your 4-person team or as an individual. The online registration form also allows you to sponsor the EFO Benefit Golf Outing and/or donate prizes.

Location: Bent Tree Golf Club, Sunbury, Ohio
Register by: May 15th, 2024 (early bird pricing ends May 1st)

Contact: Engineers Foundation of Ohio,
1-800-654-9481 (Ohio toll-free), 614-223-1177
or EFO@OhioEngineer.com



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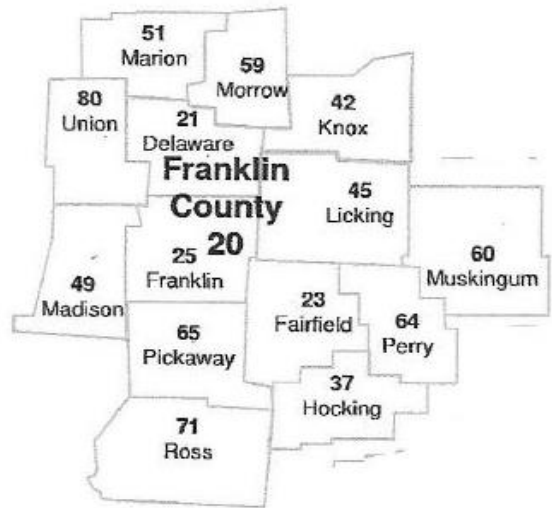
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Alan Riley
Office Manager
alan.riley@terracon.com | D (614) 328-5134



Franklin County Chapter Area

Counties in the chapter Area:



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

Franklin County Chapter is one of the most active and largest Chapters in OSPE.

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As a Professional Engineer, I dedicate my professional knowledge to the advancement and betterment of public health, safety, and welfare.

I pledge:

To give the utmost of performance;

To participate in none but honest enterprise;

To live and work according to the highest standards of professional conduct;


To place service before profit, the honor and standing of my profession before personal advantage, and the public welfare above all other considerations.

In humility, I make this pledge.



PROUDLY DISPLAY YOU ARE A PROFESSIONAL ENGINEER

Frame your license plate with a black frame and raised white letters. The frames are ideal gift for newly licensed Professional Engineers, or for a spouse, an associate, friend, son or daughter who is a Professional Engineer. This is also a great way to recognize the new Professional Engineer in your organization by presenting them with a Professional Engineer License Plate Frame.



These frames are available through the Franklin County Chapter of the Ohio Society of Professional Engineers, web site: www.fccospe.org/store/. Each frame requires a \$5.00 donation plus Shipping and Handling.



2024 CALENDAR

DATE	TIME	DESCRIPTION
Jan. 4	12:00 p.m.	CPD Program: Title: No Program
Jan. 5	5:00 p.m.	Deadline for January Columbus Engineer
Jan. 9	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Jan. 12	5:00 p.m.	Deadline for February Columbus Engineer
Feb. 1	12:00 p.m.	CPD Program: No Program
Feb. 9	5:00 p.m.	Deadline for March Columbus Engineer
Feb. 10	8:00 a.m.	Regional MathCounts Competition @ CSCC
Feb. 13	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Feb. 18 – 24		National Engineer’s Week
Feb. 22	11:30 a.m.	Program: E-Week Luncheon – Location: TBD – Theme: TBD
Mar. 7	12:00 p.m.	CPD Program: Title: Post-Construction Best Management Practices (BMPs) Presenter: Ashlee Balcerzak
Mar. 14-15		Engineer’s Leadership Institute - Virtual
Mar. 8	5:00 p.m.	Deadline for April Columbus Engineer
Mar. 16	8:15 a.m. – 4:00 p.m.	Ohio MathCounts Competition @ Columbus State (OSPE, see www.ohioengineer.com)
Mar. 12	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Mar. 22	12:00 p.m.	OSPE Lunchtime Legislative Briefing, Zoom meeting
Mar. TBD		District Science Day @ CSCC
Apr. 4	12:00 p.m.	CPD Program: Title: Integrity Management for Oil and Gas Pipeline Systems Presenter: Michiel P. Brongers, PE
Apr. 9	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Apr. 12	5:00 p.m.	Deadline for May Columbus Engineer
Apr. TBD		Legislative Day
May 2	12:00 p.m.	CPD Program: Title: PFAS’ Effects on Municipal Water and Wastewater Systems Presenter: S. Rao Chitikela
May 10	12:00 p.m.	Deadline for June Columbus Engineer
May 14	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
June 6	5:30 p.m.	FCC Officer Installation & Awards Dinner, Giammarco’s, Westerville
June 11	5:45 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
June 14	5:00 p.m.	Deadline for July Columbus Engineer
June 28	12:00 p.m.	OSPE Lunchtime Legislative Briefing, Zoom meeting
July TBD	(TBA)	FCC Budget Meeting - Location to be announced

Civil & Environmental Consultants, Inc.
Address: 250 Old Wilson Bridge Road, Suite 250, Worthington, Ohio 43085

WHERE DO I GET MORE INFORMATION?

FCC-OSPE President E-mail & Phone:	mehrdadrowhanipe@gmail.com	(773) 517-1036
FCC-OSPE 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:	baba.yahaya@terracon.com	(614) 328-5209
To volunteer to help with OSU Student Chapter:	tim_mccarthy@breezelineohio.net	(614) 670-1175
To volunteer to help with Imagine Engineering:	TBD	
FCC Luncheons / Programs:	doherty@cecinc.com	(614) 359-6321
New Members / Membership Application	www.nspe.org or www.ohioengineer.com	(614) 223-1144

**2022-2023 OFFICERS,
TRUSTEES & COMMITTEE CHAIRS**



	Name	Phone # (w) or (h)	Cell Phone #	E-mail Address
President	Mehrdad Rowhani, PE, PMP	614-389-4132 (w)	773-517-1036 (cell)	mehrdadrowhanipe@gmail.com
Vice President	Eric Bates, PE		614-674-3441 (cell)	ebates1019@gmail.com
Vice President	S. Rao Chitikela, PE	614-818-4900 (w)	412-310-9452 (cell)	srao.chitikela@gmail.com
Chapter Secretary	Derek Kiss, PE	614-468-6212 (w)		dkiss@cecinc.com
Treasurer	Steve Day, PE	614-876-7525 (w)	614-531-2858 (cell)	lday1@columbus.rr.com
Past President	Nathan Abele, PE	614-793-2226 (w)	614-746-7243 (cell)	Nabele@smeinc.com
Administrative Assistant	Dawn Morrison	614-328-5148 (w)	614-313-3814 (cell)	dawn.morrison@terracon.com
	FCC-OSPE Website			www.fccospe.org
OSPE Executive Director	Tim Schaffer	614-223-1144 (w)		exec@ohioengineer.com
OSPE/EFO Staff	Pam McClure (ret., part-time)	614-223-1144 (w-OSPE)		admin@ohioengineer.com
	Holly Ross	614-223-1177 (w-EFO)		pr@ohioengineer.com
	JoAnn Finke (part-time)	614-223-1144 (w-EFO)		admin@ohioengineer.com
VICE-PRESIDENT	TRUSTEE/COMMITTEE	CHAIRPERSON	TELEPHONE	E-MAIL
Eric Bates, PE	Vice-President	Eric Bates, PE	614-674-3441 (cell)	ebates1019@gmail.com
	Programs/CPD/Activity	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-6321 (cell)	ddoherty@cecinc.com
	Membership	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-6321 (cell)	ddoherty@cecinc.com
	Young Engineer Trustee	TBD		
	Retired Engineers Trustee	Bob Fuller, P.E.	614-880-9221 (h)	barbarafuller6438@att.net
	PEHE Trustee	Tim McCarthy, PE	614-670-1175 (cell)	tim_mccarthy@breezelineohio.net
	OSU - Student Chapter Liaison	S. Rao Chitikela, PE	412-310-9452 (cell)	srao.chitikela@gmail.com
	Science Day (District)	TBD		
	Scholarship	Baba Yahaya, PE	614-328-5209 (w) 614-517-7864 (cell)	Baba.Yahaya2@terracon.com
	<i>Columbus Engineer</i> - Editor	Joe Sullivan, PE	614-486-4383 (w) 614-561-5447 (cell)	jsullivan@msconsultants.com
	Engineers Week	Howard Jones, PE	614-209-3289 (cell)	hrjones63@yahoo.com
	Engineer For A Day	CR Weaver, PE	614-645-7100 (w)	CRWeaver@columbus.gov
	PEG Trustee	TBD		
		CR Weaver, PE	614-645-7100 (w)	CRWeaver@columbus.gov
S. Rao Chitikela, PE	Vice-President	S. Rao Chitikela, PE	412-310-9452 (cell) 614-818-4900 (w)	srao.chitikela@gmail.com
	MATHCOUNTS Chair	Ben Brown, PE	614-519-8978 (cell)	ben.brown@ibigroup.com
	Awards/Citations	Tina Sutermeister, PE	614-537-7660 (cell)	tsuterm@embarqmail.com
	Legislative	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	PEI Trustee	Richard Smelker, PE	614-933-2236 (w)	rdsmelker@aep.com
	EFO Liaison	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	Chapter Directory	Zach Wedekind, EI		zwedekind@gmail.com
	Imagine Engineering Contest	Tim McCarthy, PE	614-670-1175 (cell)	tim_mccarthy@breezelineohio.net
	Auxiliary Trustee	TBD		
	OSPE Director	Baba Yahaya, PE	614-328-5209 (w)	Baba.Yahaya2@terracon.com
	Constitution & By-Laws	Tina Sutermeister, PE	614-537-7660 (cell)	tsuterm@embarqmail.com
		Baba Yahaya, PE	614-328-5209 (w)	Baba.Yahaya2@terracon.com
	PEPP Trustee	Greg Nortz, PE	614-790-0029 (cell)	gregnortz@otiscoengineering.com
	PEPP Trustee	Nathan Abele, PE	614-793-2226 (w) 614-746-7243 (cell)	Nabele@smeinc.com
	PEC Trustee	Ken Goodson, PE	614-443-1178 (w)	kengoodson@hotmail.com





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