



# 2026 ENGINEERING SYMPOSIUM in ROCHESTER



<https://monroepes.org/engineering-symposium-rochester/>



April 16, 2026



PDH hours will be acceptable in New York State. Schedule subject to change.

7:30 to 8:15	Registration and Continental Breakfast			
8:15 to 8:30	Welcoming Remarks: Kenneth Rea, P.E., Chair of the 2026 ESR Committee			
8:30 to 9:30	<b>Civil Engineering</b>	<b>Professional Practice</b>	<b>Electrical</b>	<b>Mech, Plumbing, &amp; FP</b>
	<b>ACSE</b>	<b>NYSSPE</b>	<b>IEEE</b>	<b>ASPE &amp; ASHRAE</b>
	<a href="#">NY3679</a>	<a href="#">NY3685</a>	<a href="#">NY3695</a>	<a href="#">NY3697</a>
	Designing for the "Other" SPDES permit - the MSGP  Barbara Wagner Stantec Consulting	Innovation in Design and Construction at Indian Lake Dam  Greg Johnson Colliers Engineering and Design	Functional Programming Languages for Non-Numerical, Full-Stack, or Embedded Applications Howard Bussey RIT, Kodak (Ret.)	Pipe Lining Technology  John and JC Billone NuFlow Services of Upstate NY, LLC
9:30 to 9:45	Break			
9:45 to 10:45	<a href="#">PIE202512743</a>	<a href="#">NY3686</a>	<a href="#">NY3691</a>	<a href="#">NY3698</a>
	The Road to 100-year Pavement Foundations with Moisture Management Geosynthetics Dan Dwyer Solmax	Design Considerations for Industrial Structures & Applications David C. Roberts, P.E. Applied Engineering Consulting Services	Artificial Intelligence and Cyber Security Mike Kurdziel Harris Corporation	Hybrid Fire Protection systems  Philip Gunning Victaulic
10:45 to 11:00	Break			
11:00 to 12:00	<a href="#">ACEC4288</a>	<a href="#">NY3687</a>	<a href="#">NY3692</a>	<a href="#">NY3701</a>
	Ethical Concepts, Expectations & Dilemmas Jenn Costanzo Promark Partners Insurance Company	Inverter Selection Tom Deutsch OTBD9	Energy Consumption Footprint of Semiconductor Manufacturing Prof. Santosh Kurinec RIT	Rethinking Heat Rejection Blake Prescott EVAPCO

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12:00 to 1:30	<b>LUNCH SEMINAR</b> SYMPOSIUM COMMITTEE <u>NY3703</u> RGRTA's Zero-Emission Journey Rusty Korth (Regional Transit Service)			
1:30 to 2:30	Civil Engineering	Professional Practice	Electrical	Mech, Plumbing, & FP
	ACSE <u>NY3682</u>	NYSSPE <u>NY3688</u>	IEEE <u>NY3696</u>	ASPE & ASHRAE <u>NY3700</u>
	The Role of Geotechnical Anchoring Systems in Infrastructure Lifespan Considerations Maureen Merson Dywidag	Greenhouse Gas Reporting Rule Part 253  Bill Spizuco Plumley Engineering	The Future of Electrified Transportation  Gene Saltzberg Applied Logix Systems	Code Requirements for Rooftop Equipment and Supports  Luis Capunay Miro Industries
2:30 to 2:45	Break			
2:45 to 3:45	<u>NY3683</u>	<u>NY3689</u>	<u>NY3693</u>	<u>NY3699</u>
	MPO's and Long Range Transportation Planning June McIlquham/Joe Bovenzi GTC	Electric Snow Melting Systems  Rob Zerillo Liberty Electric	Damage Assessment of the Grid After a Storm: Predictive Outage Modeling Isaac Southwell National Grid	Backflow Preventors including enclosures  Ben Ruppert/Randy Schafer WMS Sales Inc
3:45 to 4:00	Break			
4:00 to 5:00	<u>NY3684</u>	<u>NY3690</u>	<u>NY3694</u>	<u>NY3702</u>
	Pipe Solutions Dan Columbus Contech	Applying Generative AI to Engineering Design Brian Freeman OTBD12	Can Medical AI Outperform Clinicians in Neurological Care? Prof. John Thomas RIT	What is the Value of Waste Water? Aaron Miller Sharc Energy
5:00 to 7:00	Cocktails and Conversation Hour			