

OKLAHOMA ENGINEERING CONFERENCE

AGENDA

JUNE 13-14, 2024
METROTECH – SPRINGLAKE CAMPUS
1900 SPRINGLAKE DR.
OKLAHOMA CITY, OK 73111

THURSDAY, JUNE 13

7:30-8:00 a.m. **Registration/Continental Breakfast** **South Lobby**

GENERAL SESSION

8:00-8:25 a.m.

1. Welcome

Doug Klassen, P.E.; OSPE VP of Education

Rooms G/H

OEF Update (.5)

Jennifer McCollum, APR; OEF Executive Director

Rooms G/H

8:30-8:55 a.m.

2. PELS State Board of Licensure Legislative and Enforcement Update (1)

Kathy Hart, Executive Director

OK Board of Licensure for Professional Engineers and Land Surveyors

Richard Willoughby, P.E.; F.NSPE, Board Member

OK Board of Licensure for Professional Engineers and Land Surveyors

Rooms G/H

9:00-9:55 a.m.

3. A Comparison Between the NSPE Code of Ethics and the Board Rules of Professional Conduct (1)

Bruce Pitts

OK Board of Licensure for Professional Engineers and Land Surveyors

Rooms G/H

9:55-10:10 a.m.

NETWORKING BREAK

South Lobby

10:10-11:05 a.m.

4. MADE in Tulsa (1)

Dr. John Henshaw, Chair of Mechanical Engineering

University of Tulsa

Rooms G/H

11:05 a.m.-12:00 p.m.

5. Oklahoma Department of Transportation Update (1)

Tim Gatz, Executive Director

OK Department of Transportation

Rooms G/H

12:00-1:00 p.m.

Luncheon

Geoff Covalt, P.E., President, OSPE and

Britt Smith, P.E., F.NSPE; Past President, NSPE

OSPE and NSPE Update

Rooms G/H

OKLAHOMA ENGINEERING CONFERENCE

AGENDA

JUNE 13-14, 2024
METROTECH – SPRINGLAKE CAMPUS
1900 SPRINGLAKE DR.
OKLAHOMA CITY, OK 73111

CONCURRENT SESSIONS

1:00-1:55 p.m.

6. OSHA Activity and Worker Fatalities in Oklahoma (1)

Room I

*Jorge Delucca, Compliance Assistance Specialist
OSHA*

7. Discussion of SUE & ASCE 38 (1)

Rooms G/H

*Greg Jeffries, CUC, M.ASCE
Clearline, Inc.*

2:00-2:55 p.m.

8. Future in Engineering (1)

Room I

*Britt Smith, P.E., F.NSPE
NSPE Past President*

**9. Relationship Between Floodplain Management, (1)
Stormwater Management and Stormwater Quality**

Rooms G/H

*W.B. Smith, P.E., CFM
HISINC, LLC*

2:55-3:15 p.m.

NETWORKING BREAK

South Lobby

3:15-4:10 p.m.

10. Contract Issues and Liability (1)

Room I

*Kevin Pratt, Partner; Professional Liability, Architects & Engineers Division Leader
USI*

11. Solar in Oklahoma (1)

Rooms G/H

*JW Peters, Owner
Solar Power of Oklahoma*

4:15-5:15 p.m.

12. Litigation Issues (1)

Room I

*Chris Combs, Associate
Hayes Magrini & Gatewood*

**13. The Oklahoma Hydronet: Developing and Integrated (1)
Statewide Water Monitoring Network**

Rooms G/H

*Dr. Ali Mirchi, Associate Professor; Oklahoma State University
-and-*

Advances in Irrigation Simulation for Better Watershed Modeling

Dr. Tyson Ochsner, Professor; Oklahoma State University

OKLAHOMA ENGINEERING CONFERENCE

AGENDA

JUNE 13-14, 2024
METROTECH – SPRINGLAKE CAMPUS
1900 SPRINGLAKE DR.
OKLAHOMA CITY, OK 73111

FRIDAY, JUNE 14

7:30-8:00 a.m. **Registration/Continental Breakfast**
Breakfast Sponsored by MKEC



CONCURRENT SESSIONS

8:00-8:55 a.m.

14. Ownership and Growing Your Career (1)

*Trish Hatley, P.E., F.NSPE, Executive Vice President
Freese and Nichols
Eric Waggoner, P.E., Transportation Engineer
Freese and Nichols*

Rooms G/H

15. Assessment of New Technology (1)

*Tom Poteet, Vice President Corporate Development
MESA Solutions*

Room I

9:00-9:55 a.m.

16. The Multi-Modal NEVI Experience (1)

*Jared Schwennesen, P.E., Manager
Multi-Modal Division, Oklahoma Department of Transportation*

Rooms G/H

17. A New Home for OSU Agriculture (1)

*Dr. Randy Raper, Assistant Director
OSU Ag Research*

Room I

9:55-10:15 a.m. NETWORKING BREAK

South Lobby

10:15-11:10 a.m.

18. Oklahoma Turnpike Authority Update (1)

*Joe Echelle, P.E., Executive Director,
Oklahoma Turnpike Authority*

Rooms G/H

19. The Medical Marijuana Industry and its Engineering Effects

Richard Willoughby, P.E.; F.NSPE, Board Member
OK Board of Licensure for Professional Engineers and Land Surveyors

Room I

OKLAHOMA ENGINEERING CONFERENCE

AGENDA

JUNE 13-14, 2024
METROTECH – SPRINGLAKE CAMPUS
1900 SPRINGLAKE DR.
OKLAHOMA CITY, OK 73111

11:15 a.m. – 12:10 p.m.

20. STEAM Engine (1)

*Morgan Jones, AIA, MBA; Founder/Executive Director
The STEAM Engine*

Rooms G/H

21. Permanent Magnet Motors for Reduction of Carbon (1)

*Emissions in Oil Well Production Applications
Walter Dinkins, P.E.
Lavare International*

Room I

12:15-1:15 p.m.

Luncheon

Rep. Nicole Miller

Rooms G/H

GENERAL SESSION

1:15 – 2:10 p.m.

22. Uniquely Oklahoman: The Oklahoma Energy Resource Board's Industry-Leading Initiatives in Education and Land Restoration (1)

*Mindy Stitt, Executive Director
OERB*

Rooms G/H

2:15-3:10 p.m.

23. CANOO Manufacturing (1)

*Amit Ranjan, Manufacturing Engineering
CANOO*

Rooms G/H

3:10-3:25 p.m. NETWORKING BREAK

South Foyer

3:25-4:55 p.m.

**24. Putting the "P" in "JPL": 88 Years of Propulsion (1.5)
History at NASA's Jet Propulsion Lab**

Todd Barber, Propulsion Engineer, NASA

Rooms G/H

Adjourn