



Engineering Educators Bringing the World Together

2025 ASEE Annual Conference

June 22 - 25 | Montreal, Quebec, Canada



FPD SESSIONS AT A GLANCE

Sun
6/22

1 - 3:30 PM
Westin Montreal A

Workshop: Explore, Explain, Empower: Leveraging Curiosity to Motivate Learning of Course Concepts and Beyond Through Technology Exploration

1 - 3:30 PM
Conv. Center 511D

Workshop: Transforming First-Year Engineering Curriculum with Diversity, Equity, Inclusion and Entrepreneurial-Minded Learning (EML)

1 - 3:30 PM
Conv. Center 516B

Workshop: Off to a Sociotechnical Start: Addressing Sociotechnical Dualism in First-Year Engineering Courses

Mon
6/23

11 AM - 12:30 PM
Conv. Center 510C

M327C Panel of Invited Speakers: Cultivating the Entrepreneurial Mindset in First-Year Engineering Students (EMIFY)

11 AM - 12:30 PM
Conv. Center 512A

M3195 Panel of Invited Speakers: Neurodiversity and the University's Role: Perspectives on Education and Career Preparedness. Co-sponsored with Data Science and Artificial Intelligence (DSAI)

11 AM - 12:30 PM
Westin Montreal B

M327A: Tech-Forward Teaching - Digital Tools to Enhance Engagement

11 AM - 12:30 PM
Westin Palais

M327B: Designing Creativity - Innovation Through First-Year Maker Projects

1:30 - 3 PM
Conv. Center 513D

M427: Curriculum in Motion - Redesigning the First-Year Experience

1:30 - 3 PM
Conv. Center 511A

M427B: Work-in-Progress 1: Curriculum Design and Innovative Pedagogy

3:15 - 4:45 PM
Conv. Center 512F

M527A: Work-in-Progress 2: Skills Development and Career Preparation

3:15 - 4:45 PM
Conv. Center 512G

M527B: Work-in-Progress 3: Integration of Math, Computing, and AI in First-Year Courses

6:30 PM
Hôtel Place
d'Armes Grande
Terrasse

M727: FPD Social

\$35.00 advanced registration and \$70.00 on site registration. Address - 55 Rue Saint-Jacques, Montréal

W PARTY TIME
Lee

9:15 - 10:45 AM
Conv. Center 520B

9:15 - 10:45 AM
Conv. Center 520D

11 AM - 12:30 PM
Conv. Center 520D

11 AM - 12:30 PM
Conv. Center 520E

11 AM - 12:30 PM
Conv. Center 520F

1:30 - 3 PM
Conv. Center 520F

1:30 - 3 PM
Conv. Center 520D

1:30 - 3 PM
Conv. Center 520E

3:15 - 4:45 PM
Conv. Center 520E

3:15 - 4:45 PM
Conv. Center 520B

T227: Fostering Belonging - Identity, Self-Efficacy, and Retention

T227B: Supporting Student Transition

T327A: Learning by Doing - Contextual and Community-Based Engineering

T327B: Teams that Work - Collaboration and Project-Based Learning

T327C Panel of Invited Speakers: First-Year Engineering in the Regional Campus Context: A Conversation with the Faculty in These Spaces

T427A: **Division Best Papers**

T427B: Hands-On Foundations - Building Confidence, Belonging, and Engagement in First-Year Engineering

T427C Panel of Invited Speakers: Faculty Uses of AI Tools to Enhance Engineering Teaching and Learning

T527: GIFTS Session 1: Human-Centered and Project-Based Innovation in First-Year Engineering Design

T527B: Learning to Learn - Metacognition and Self-Regulated Strategies

Tue
6/24

8 - 9:30 AM
Westin Riopelle

8 - 9:30 AM
Conv. Center 520B

8 - 9:30 AM
Conv. Center 516E

11:30 AM - 1 PM
Conv. Center 520B

11:30 AM - 1 PM
Conv. Center 511B

2 - 3:30 PM
Conv. Center 511B

2 - 3:30 PM
Westin Montreal C

3:45 - 5:15 PM
Conv. Center 511B

FPD Business Meeting

W127A: GIFTS Session 2: Foundational Skills in the First-Year Engineering Classroom

W127B: Shaping Engineers - Competency, Creativity, and Iteration in the First Year

W327: Work-in-Progress 4: Pathways, Belonging, and Early Experiences

W327B: Work-in-Progress 5: Academic Support, Retention, and Success Strategies

W427: Bridging the Gap - Strategies to Support Diverse Learners in Early Engineering Courses

W479 Panel of Invited Speakers: What should we teach them about AI?" A conversation around expectations of higher education institutions for entering students' AI use. Co-sponsored with ASEE Commission on P12 Engineering Education

W527: Equity in Action - Identity, Mentorship, and Inclusion



Wed
6/25