

2025 ASEE Annual Conference & Exposition Schedule

Monday June 23, 2025

Mon 9:15 AM to 10:45 AM	<p>Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) Poster Session Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE)</p> <p>001 -Exhibit Hall 220 C, Palais des congrés de Montreal</p>
Presentations	<p>BOARD # 475: Enhancing AI Literacy Among University Students: Exploring Trust and Ethical Decision-Making through the Prisoner’s Dilemma in Game Theory</p> <p>Mr. Qixian Zhao (Nanyang Technological University) and Dr. Ibrahim H. Yeter (Nanyang Technological University)</p>
Mon 11:00 AM to 12:30 PM	<p>Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) Technical Session 1 Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE)</p> <p>512E, Palais des congrés de Montreal</p>
Presentations	<p>Metaphors Matters: the implicit epistemology of how we talk about learning engineering</p> <p>Prof. Katherine Goodman (University of Colorado Denver)</p> <p>The Role of TELPhE in the Education of Citizens and Engineers considered from an Historical Perspective within ASEE</p> <p>Prof. John Heywood (Trinity College Dublin)</p> <p>Study Historical Cases, Learn Today’s Tools, and Prepare for the Future</p> <p>Dr. Jason Yao (East Carolina University)</p> <p>Challenging the Engineering Egosystem: Reimagining Knowledge and Advancing Epistemic Justice</p> <p>Dr. Cristian Eduardo Vargas-Ordonez (South Dakota School of Mines and Technology) and Mr. Hector Enrique Rodríguez-Simmonds (Purdue Engineering Education)</p> <p>Deliberating Public Welfare in Engineering – The Capability Approach</p> <p>Dr. Alan Cheville (Bucknell University), Dr. Stewart Thomas (Bucknell University), Sarah Appelhans (Lafayette College), Dr. Rebecca Thomas (Bucknell University), and Dr. Stu Thompson (Bucknell University)</p>

Mon 1:30 PM to 3:00 PM

Technological and Engineering Literacy/Philosophy of Engineering Division (TELPHE)
Technical Session 2 Technological and Engineering Literacy/Philosophy of Engineering Division (TELPHE)
512E, Palais des congrès de Montréal

Presentations

The First Lesson for Engineering Students: Engineering Philosophy and Culture –Based on the practice and reflections of the course of "Engineering Philosophy and Culture" in Zhejiang University, China
Jinliang Wang (Zhejiang University) and Min Ye (Zhejiang University)

Factorial measurement of epistemological theories of development

Dr. Todd M. Fernandez (Georgia Institute of Technology) and Alexandra Werth (Cornell University)

Beyond Calculations: Engineering Judgment as Epistemic Cognition in Engineering Education

Mitchell Gerhardt (Virginia Polytechnic Institute and State University), Dr. Michael Robinson (Saint Vincent College), and Mr. Brian E Faulkner (Milwaukee School of Engineering)

Technological Literacy Needed: Gadget Influences on Mental Health in GenZ Population - Observed Common Challenges

Dr. Tatiana V. Goris (Pittsburg State University), Dr. Dawny Barnhart (Freeman Health System), Dr. Edwige F. Songong (Pittsburg State University), and Ms. Lisa Diane Broom (Ozark Center Comprehensive Behavioral Health Services)

Educators' Perspectives on the use of Generative AI Tools in Teaching and Educational Research in Engineering

Dr. Adeel Khalid (Kennesaw State University) and Dr. Sanjeev Adhikari (Kennesaw State University)

Mon 3:15 PM to 4:45 PM

Technological and Engineering Literacy/Philosophy of Engineering Division (TELPHE)
Technical Session 3 Technological and Engineering Literacy/Philosophy of Engineering Division (TELPHE)
512E, Palais des congrès de Montréal

Presentations

Pilot Study of Gen Z Candidates For Successful Employment on the U.S. Job Market

Dr. Edwige F. Songong (Pittsburg State University) and Dr. Tatiana V. Goris (Pittsburg State University)

Navigare Necesse Est: Defining Purpose and Adaptability in ASEE and TELPHE

Dr. Alan Cheville (Bucknell University), Dr. John Heywood (Trinity College Dublin), and Prof. Carl O. Hilgarth (Shawnee State University)

Grinter Got it Right: Seventy Years of the Grinter Report

Dr. Michael Robinson (Saint Vincent College) and Mr. Brian E Faulkner (Milwaukee School of Engineering)

Escalating Effects of Software Technical and Ethical Debt and Improvement Through Design Discipline and Social Constructs

Mr. James Wessel (Franciscan University of Steubenville (FUS))

Responsible Integration of Digital Wellness into Technical Engineering Curricula

Ms. Milana Hayley Grozic (University of Calgary / The University of British Columbia) and Dr. Emily Ann Marasco (University of Calgary)

Tuesday June 24, 2025

Tue 9:15 AM to 10:45 AM	Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) Technical Session 4 Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) 512E, Palais des congres de Montreal
Presentations	Crafting Comprehensive Lab Reports: Techniques for Improved Technical Writing and Data Interpretation Skills Dr. Albertus Retnanto (Texas A&M University at Qatar), Mohamed Fadlemula (Texas A&M University at Qatar), and ROMMEL DUAVE YRAC (Affiliation unknown) Creativity and Innovation in Engineering: A Brief Review and Roadmap for the Future Prof. Sayyad Zahid Qamar (Sultan Qaboos University), Tasneem Pervez (Affiliation unknown), Dr. Nasra Al-Maskari (Sultan Qaboos University), and Mr. Sayyad Basim Qamar (Texas A&M University) Discussion Lead Paper for TELPhE Session on AI Dr. Jerry W. Gravander (Clarkson University)
Tue 1:30 PM to 3:00 PM	Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) Business Meeting Technological and Engineering Literacy/Philosophy of Engineering Division (TELPhE) Beaver Hall, Westin Montreal

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