Conference at a Glance   *All times Eastern Daylight Time (EDT)*

Sun, July 31	Event	Lead Author	Location
2:00-8:00 PM	Registration		Lincoln Lobby
2:30-4:00 PM Technical Session S1	**S1A – Workshop I** The Integration of Technical Skills Within a First-Year Engineering Design and Innovation Course Featuring Hands-On Electronics	Tracy Jane Puccinelli	Kellogg 103AB
	S1B – Workshop II Student Success Beyond COVID: Teaching The Workforce Of 2026	Todd Hamrick	Kellogg 104AB
	S1C – Workshop III Low Cost—High Impact: Success Skills Students will Actually Use	Peter Shull	Kellogg 105AB
4:00-4:15 PM	Networking Break		Lincoln Room
4:15-5:45 PM Technical Session S2	**S2A – Workshop IV** Holistic Retention Programming for First Year Students	Whitney Gaskins	Kellogg 103AB
	S2B – Workshop V Let's Talk to Our Rubber Ducks: A Unique Approach to Tackling Computational Thinking, Analyzing Code, and Debugging using a Scavenger Computational Thinking, Analyzing Code, and Debugging using a Scavenger Hunt	Stephany Coffman-Wolph	Kellogg 104AB
	S2C – Workshop VI Community-Engaged Learning in First-Year Engineering	William Oakes	Kellogg 105AB
6:00-8:00 PM	Meet and Greet		Lincoln Room

Mon, Aug 1	Event	Lead Author	Location
7:00 AM-12:00 PM	Registration		Lincoln Lobby
7:00-8:30 AM	Breakfast		
7:30-7:45 AM	Welcome		B1G 10 BC
7:45-8:30 AM	Keynote 1		
8:30-8:45 AM	Group Picture		Lincoln Room
8:45-9:30 AM Technical Session M1	M1 – Works-in-Progress Presentations[++]		Lincoln Room
9:30 -10:30 AM Posters and Exhibits M2	M2 – Posters and Exhibits		Lincoln Room
10:30-11:00 AM	Transport to Wonders Hall		

Time	Session	Presenter	Location
11:00 AM –12:30 PM Technical Session M3	**M3A – Workshop VII**		C211 Wonders
	Hands-On Design Activities for Introduction to Engineering Courses to Accommodate Students of Varying Backgrounds	John Krupczak	
	M3B – Workshop VIII		C213 Wonders
	Fully Engaged: Integrating Mindfulness and Meditation in Engineering Classes	Kathryn Schulte Grahame	
	M3C – Workshop IX		C215 Wonders
	Helping Students Develop their Cross-Cultural Communication Skills to Promote a More Diverse and Inclusive Learning Environment	P K Imbrie	
12:30-2:00 PM	**Box Lunch & Tours**		**Wonders Hall**
2:00-3:30 PM Technical Session M4	**M4A – Sponsored Workshop I**		C211 Wonders
	Top 5 "Soft Skills" Every First-Year Engineer Needs to Know	Danny Rubin, Rubin Education	
	M4B – Sponsored Workshop II		C213 Wonders
	From First Year to the Workforce: A Guide to Computational Skills for the Future	Hoda Sharifi, MathWorks	
	M4C – Workshop X		C215 Wonders
	Introduction to Adaptive Comparative Judgement: A Holistic Assessment tool for Design Problems	Clodagh Reid	
3:30-3:45 PM	**Networking Break**		**C202 Wonders**
3:45-5:00 PM Technical Session M5	**M5A – Computer Oriented First Year Courses**		C211 Wonders
	The First-Year Computer Science Experience Project	John Cole	
	First-Year Computing Course with Multiple Computing Environments - Integrating Excel, Python and MATLAB	Carla B. Zoltowski	
	First Year Engineering Student Definitions of Systems Engineering: A Comparison Between Two Institutions	Amanda Marie Singer	
	M5B – Remote Learning and Team Building in First Year Courses		C213 Wonders
	Evaluating Freshmen Engineering Students' Experience in a First-Year Engineering Program and Lessons Learned during Covid-19 Pandemic	Heath Aren Schluterman	
	An Investigation of Team Conflicts in a Large-Enrollment Introductory Engineering Course	Haritha Malladi	
	How Can We Make This Work? First Year Engineering Design Team Development in Virtual vs. In-Person Environments	Natalie C.T. Van Tyne	
	Lessons Learned from COVID That Have Been Transferred to Post-COVID Teaching and Learning	Michael Cross	
	M5C – First Year Design Projects		C215 Wonders
	Provision of the practical learning environment via application-based projects integrated with the undergraduate engineering curriculum	Surupa Shaw	
	Community-Engaged First Year Learning Community	Srinivas Mohan Dustker	

		Kelly Salyards	
	Redesigning an Introduction to Engineering Course as an Interdisciplinary Project-Based Course	Kelly Salyards	
	An International Design Project for First Year Engineering Students at Multiple U.S. Institutions	Thomas J. Siller	
5:00-5:30 PM	Transportation to Kellogg Center		Wonders
5:30-6:30 PM	Networking & Downtime		Kellogg
6:30-8:30 PM	Dinner & Keynote 2		B1G 10 BC

Tue, Aug 2	Event	Lead Author	Location
7:00-11:00 AM	Registration		Lincoln Lobby
7:00-8:30 AM	Breakfast		B1G 10 BC
8:30-9:45 AM Technical Session T1	**T1A – Innovative First Year Curriculum**		Kellogg 103AB
	Improving Inclusion and Growth Mindset in First Year Engineering, Science and Mathematics Courses	Jared Oluoch	
	Data And Stakeholder Driven Redesign of a First-Year Engineering Curriculum	James R McCusker	
	Student Perceptions of Involvement, Identity, and Success in an NSF-funded STEM Access Program at Baylor University	Jessica Martin	
	Towards the Use of the MUSIC Inventory for Measuring Engineering Student Engagement	Susan L. Amato-Henderson	
	T1B – Writing and Reflections in First Year Engineering		Kellogg 104AB
	Goal-Setting Reflections for First-Year Students	Charles E. Pierce	
	Student and Instructor Reflections on Integrating Short Mindfulness-Based Meditation Practices into a First-Year Engineering Design Course	Hannah Nolte	
	Familial Influence on the Choice to Study Engineering: Insights from a Cross-University Study	Amanda Marie Singer	
	Student Reflections on Team Experiences in a First-Year Engineering Course	Jenahvive K. Morgan	
9:45-10:15 AM	Networking Break		Lincoln Room
10:15-11:30 AM Technical Session T2	**T2 – GIFTS Presentations****		Lincoln Room
11:30AM–12:15PM	Closing Remarks		B1G 10 BC
12:15 – 1:00 PM	Lunch		B1G 10 BC
1:00 – 6:00 PM	Depart, Networking or Downtime		Kellogg Center
6:00-6:30 PM	Transportation to Jackson Field		Kellogg Center
6:30-7:00 PM	Dinner on Own at Jackson Field		Jackson Field
7:05-9:30 PM	West Michigan Whitecaps at Lansing Lugnuts		Jackson Field
9:30-10:00PM	Transportation to Kellogg Center		

⁺⁺WIP Papers

Title	Lead Author
Mon, Aug 1 - 8:45-10:30 am	
Success and Retention Strategies for STEM Gatekeeper Courses in a Community College	Nada Veskovic
Eagle ExCEL-Engineers Connect, Engage, and Learn: An At-Risk Advising Program	Elizabeth A. Powell
Tackling DEI Issues in the Classroom Through Interactive Historical Fiction	Stephany Coffman-Wolph
Using Adaptive Comparative Judgement as a Tool for Assessing First-Year Engineering Design Projects	Clodagh Reid
The Student's Perspective on CAD Software in a First-Year Civil Engineering Graphics Course	Gene McGinnis
Using CATME in Team Development of One-Semester-Long Open-Ended First-Year Engineering Student Design Projects	Rui Li
Developing the next generation expert: What we learned from under-academically prepared students about academic self-efficacy in engineering and computing	Jennifer I Clark
Effectiveness of Strategies to Improve the Recruitment of Underrepresented Groups in an Engineering Bridge Program	Xinyu Zhang
Identity-Based Bias in Undergraduate Peer Assessment	Madison Jeffrey
Contract grading as an alternative grading structure and assessment approach for a process-oriented, first-year course	Erica J Marti
Wrap-Around Advising: A Collaborative Effort Between Faculty Members and Student Success Professionals	Andrew Assadollahi, P.E.
The Importance of Freehand Sketching and Technical Drawing	Gene McGinnis
Investigating the impact of fye students' course reflection on academic performance across gender.	Ahmed Ashraf Butt

⁺⁺GIFTS Papers

Title	Lead Author
Tues, Aug 2 - 10:15-11:30 am	
Engaging First-Year Mechanical Engineering Students in Spreadsheets and Programming	Allison L. Kinney
Engineers in gear: Building a student support model to transcend the COVID era	Sheldon Levias
Retention Improvement Efforts in the Undergraduate Living and Learning Community at the University of South Carolina	Edward P Gatzke
The secret is in the details: Improving oral presentation skills with a peer and self-assessed feedback module	Sarah Lynn Benson
Introducing Quad Chart to Reinforce Technical Communication Skills	Debjani Sarkar
Assumptions, Approximations, and Dimensional Analyses, Oh My!	Charles E. Pierce
Incorporating Patent Review into First-Year Student Design Projects to Support Ideation, Concept Selection, and Commercialization	Lee Kemp Rynearson
Introducing First Year Students to The Running Track Analogy of an Electric Circuit	Christopher Horne