



# CONFERENCE PROGRAM

*June 6 – 10, 2022*

*Online Schedule of Event*



## Conference Schedule

Time (ET)	Track	Session	Room
<b>MONDAY, JUNE 6<sup>th</sup></b>			
12:00 – 17:00	--	<b>Council Meeting</b>	Firefly Conference Room Davis 208
<b>TUESDAY, JUNE 7<sup>th</sup></b>			
9:00 – 12:00	-	<b>Council Meeting</b>	Firefly Conference Room Davis 208
12:00 – 1:00		LUNCH	Pistachio's Student Union
13:00 – 17:00	Workshop 1	<b>The IACEE Quality Program for Continuing Education</b> <ul style="list-style-type: none"> <li>Facilitator: Soma Chakrabarti</li> <li>Presenters: Cheng Wang, Katriina Schrey-Niemenmaa, Ed Borbely, Kim Scalzo</li> </ul>	Firefly Conference Room Davis 208
13:00 – 17:00	Workshop 2	<b>Building Blocks of a High-Quality Micro-Credential Program</b> <ul style="list-style-type: none"> <li>Facilitator: Lisa Stephens</li> <li>Presenters: Cynthia Proctor, Anne Reed, Michael Testani</li> </ul>	Davis 230A
18:00 – 20:00		WELCOME RECEPTION	Center for Tomorrow

Time (ET)	Track	Session		Room
<b>WEDNESDAY, JUNE 8<sup>th</sup></b>				
8:30 – 10:00	Opening & Keynote	8:30 – 9:00	<b>Conference Opening Remarks</b> <ul style="list-style-type: none"> <li>Lisa Stephens, Sabrina Casucci, Kim Scalzo, Kemper Lewis, ThriveDX</li> </ul>	Davis 101
		9:00 – 10:00	<b>Keynote Address: Diversity, Equity, Inclusion &amp; Social Justice Track</b> <b>Acceptance and Allyship for people with diverse abilities (PWDA) and Neurodiversity (ND) – The next chapter in IBM’s Diversity Story</b> <ul style="list-style-type: none"> <li>Diane Delaney, Natalia (Nat) Lyckowski - IBM</li> </ul>	
10:00 – 10:15	BREAK			Davis Hall 1 <sup>st</sup> floor atrium
10:15 – 11:45	Sustainability	10:15 – 10:45	<b>The Impact of the Climate Crisis on the Mental Health of Higher Education Students: A Case Study</b> <ul style="list-style-type: none"> <li>Celeste Ceballos, Carlos Aldama-Castro, Mary Cervera-Diaz, Mariana Paez-Frias, Fernando Lambarria</li> </ul>	Davis 230A
		10:45 – 11:15	<b>Trends and challenges of the current civil construction education in Brazil</b> <ul style="list-style-type: none"> <li>Fernanda Maria-Ferreira</li> </ul>	
		11:15 – 11:45	<b>LEED environmental certification and the sustainable construction - case study Japan House São Paulo</b> <ul style="list-style-type: none"> <li>Jacira F. S. Rosa, Fernanda Maria-Ferreira</li> </ul>	
	Entrepreneurship & Innovation	10:15 – 10:45	<b>Human Resource Development for Young Researchers through International Science Collaborations</b> <ul style="list-style-type: none"> <li>Tetsuo Oka</li> </ul>	Firefly Conference Room Davis 208
		10:45 – 11:15	<b>ISummerMX: An Intensive, highly immersive and itinerant experience to prepare global engineers</b> <ul style="list-style-type: none"> <li>David Huerta, Kailas Patil</li> </ul>	
		11:15 – 11:45	<b>Developing the Enterprise Educators' Mindset to Change the Teaching Methodology: The case of Creating Entrepreneurial Outcomes (CEO) Programme</b> <ul style="list-style-type: none"> <li>Jing Zhang, Alison Price</li> </ul>	
10:15 – 11:45	DEI & SJ	10:15 – 10:45	<b>Looking Beyond Fiddlers Green College: Social Justice in Workforce Engineering Education Pathways</b> <ul style="list-style-type: none"> <li>Ryan Lundell, Jonathan Montoya, Forest Peterson</li> </ul>	Davis 101
		10:45 – 11:15	<b>Research on Neurodiverse Learning: A Pathway to Diversity in Engineering Education</b> <ul style="list-style-type: none"> <li>Rachel Bonnette, Sam Abramovich</li> </ul>	
		11:15 – 11:45	<b>Creating Lasting Economic Impact and Promoting Gender Equity in Africa Through Online Education</b> <ul style="list-style-type: none"> <li>Kristin Palmer</li> </ul>	

Time (ET)	Track	Session		Room
<b>WEDNESDAY, JUNE 8<sup>th</sup> (continued)</b>				
10:15 – 11:45	Mixed Session	10:15 – 10:45	<b>Building a Training System for Future Leaders in Science, Technology and Business</b> <ul style="list-style-type: none"> <li>Fan Jia</li> </ul>	Ketter 140
		10:45 – 11:15	<b>Innovative CEE Instructional Solutions for Industry 4.0 Skill Needs</b> <ul style="list-style-type: none"> <li>Gale Tenen Spak</li> </ul>	
		11:15 – 11:45	--	
11:45 – 13:00	LUNCH			Pistachio's Student Union
13:00 – 14:00	Plenary	SUNY Partnerships to Address the Workforce Needs of the Semiconductor Industry Panelists: Denise Zieske, Franca Armstrong, Robert Greer, Michael Bronzell		Davis 101
14:00 – 14:15	BREAK			Davis Hall 1 <sup>st</sup> floor atrium
14:15 – 15:45	Sustainability	14:15 – 14:45	<b>Preliminary research report into the nature of Engineering Learning Curricula and their embeddedness in Engineering Active Sustainable Practice (EASP)</b> <ul style="list-style-type: none"> <li>Errol la Grange, Anthony (Tony) Smith, Alfredo Seiro</li> </ul>	Davis 230 A
		14:45 – 15:15	<b>Designing New Engineering Course Curriculum for Teaching Sustainability</b> <ul style="list-style-type: none"> <li>Tamer Atabarut</li> </ul>	
		15:15 – 15:45	<b>Embed Novice Programming and Web Source Code with Self Direct Learning Design: An Imperative Education</b> <ul style="list-style-type: none"> <li>Alireza Ebrahimi</li> </ul>	
	Entrepreneurship & Leadership	14:15 – 14:45	<b>Education in the YouTube Era: Creating Learning Experiences Around Public Content</b> <ul style="list-style-type: none"> <li>Petra Parikova, Anastasia Tavkheldidze</li> </ul>	Firefly Conference Room Davis 208
		14:45 – 15:15	<b>Developing Digital Capabilities to Catalyze Digital Transformation: A Case Study</b> <ul style="list-style-type: none"> <li>Chunmei Zhao, Anastasia Tavkheldidze, Ronie Shilo</li> </ul>	
		15:15 – 15:45	<b>A Panoramic View of the State of Continuing Engineering Education in Europa</b> <ul style="list-style-type: none"> <li>Bente Norgaard, Katriina Schrey-Niemenmaa, Ellen Sjoer, Ragna Ann Berge, Aniko Kalman, and Kirsti Miettinen</li> </ul>	

Time (ET)	Track	Session		Campus Location
WEDNESDAY, JUNE 8 <sup>th</sup> (continued)				
14:15 – 15:45	DEI & SJ	14:15 – 15:45	<b>PANEL: Women retention in STEM Higher Education</b> <ul style="list-style-type: none"> <li>Moderator: Particia Caratozzolo</li> <li>Panelists: Angeles Dominguez, Claudia Garay-Rondero, Esmeralda Campos.</li> </ul>	Davis 101
14:15 – 15:45	Mixed Session	14:15 – 15:45	<b>PANEL: Core Principles for At-Scale Learning Platform Partnerships</b> <ul style="list-style-type: none"> <li>Moderator: Yakut Gazi</li> <li>Panelists: Jim Hall, Carissa Little, Gale Spak, Amrit Ahluwalia, Anita Chawla</li> </ul>	Ketter 140
16:00 – 17:00		16:00 – 17:00	<b>Focus Group Discussion</b> <ul style="list-style-type: none"> <li>Moderator: ThriveDX</li> </ul>	Davis 230 A
18:00 – 20:00	DINNER			Center for Tomorrow

Time (ET)	Track	Session		Campus Location
<b>THURSDAY, JUNE 9<sup>th</sup></b>				
8:30 - 10:30		8:30 – 9:00	State of the Association Address <ul style="list-style-type: none"> <li>Soma Chakrabarti</li> </ul>	Davis 101
		9:00 – 10:00	<b>Keynote Address: Entrepreneurship &amp; Leadership</b> <b>Corporate Entrepreneurship in the Digital Economy</b> <ul style="list-style-type: none"> <li>Rachel Li – Nankai University</li> </ul>	
		10:00 – 10:30	Remarks from SUNY Senior Vice Chancellor for Research, Innovation and Economic Development <ul style="list-style-type: none"> <li>Shadi Shahedipour-Sandvik - SUNY</li> </ul>	
10:30- 10:45	BREAK			Davis Hall 1 <sup>st</sup> floor atrium
10:45 - 12:15	Sustainability	10:45 – 12:15	<b>PANEL: Seeding Sustainability in Education and Beyond</b> <ul style="list-style-type: none"> <li>Moderator: Lisa Stephens</li> <li>Panelists: John D. Atkinson, Ryan McPherson, Lemir Teron, Tony Smith</li> </ul>	Ketter 140
	Entrepreneurship & Leadership	10:45 – 12:15	<b>PANEL: Cultivating a culture of entrepreneurship and innovation in engineering education - an opportunity to engage alumni and industry partners</b> <ul style="list-style-type: none"> <li>Moderator: Hadar Borden</li> <li>Panelists: Victor Paquet, Courtney Burris, Erin Rowley, Carolyn Klotzbach-Russell</li> </ul>	Davis 101
	DEI & SJ	10:45 – 11:15	<b>Women in Engineering and Sciences: an initiative to include a gender perspective and equal opportunities in a Higher Education Institution</b> <ul style="list-style-type: none"> <li>Adriana Vargas-Martinez, Cecilia Trevino, Cristina Chuck, Yolanda Burgos, Patricia Caratozzolo</li> </ul>	Davis 230 A
		11:15 – 11:45	<b>The role of OWSD Mexico in narrowing the gender gap</b> <ul style="list-style-type: none"> <li>Linda Lara-Jacobo, Particia Caratozzolo, Alejandra Chavez-Santoscoy, Rebeca Garcia-Carcia, Alma Hernandez-Mondragon, Maribel Garcia-Barrientos, Cristina Perez-Trejo</li> </ul>	
11:45 – 12:15		<b>Beautiful Patterns, a Diversity Awarded Project</b> <ul style="list-style-type: none"> <li>Leticia Almaguer, Particia Caratozzolo, Abel Sanchez</li> </ul>		

Time (ET)	Track	Session		Campus Location
<b>THURSDAY, JUNE 9<sup>th</sup> (continued)</b>				
10:45 - 12:15	Mixed Session	10:45 – 11:15	<b>Blockchain by Design Thinking: Lenovo's story of transforming supply chain</b> <ul style="list-style-type: none"> <li>Eileen Zheng</li> </ul>	Firefly Conference Room Davis 208
		11:15 – 11:45	<b>Developing More Innovative and Effective Leaders Through Design Thinking</b> <ul style="list-style-type: none"> <li>Michael Testani, Kailas Patil</li> </ul>	
		11:45 – 12:15	<b>Assessing the informal Engineering Management curriculum</b> <ul style="list-style-type: none"> <li>Cecilia Martinez Leon</li> </ul>	
12:15 - 13:15		LUNCH		Pistachio's Student Union
13:15 – 14:15		<b>Keynote Address: Entrepreneurship &amp; Leadership</b> <ul style="list-style-type: none"> <li>Irene Petrick, Intel</li> </ul>		Davis 101
14:15 – 14:30		BREAK		Davis Hall 1 <sup>st</sup> floor atrium
14:30- 16:00	Entrepreneurship & Leadership	14:30-16:00	<b>PANEL: Industry-academia partnerships in promoting analytics skills in engineering</b> <ul style="list-style-type: none"> <li>Moderator: Hongyue Sun</li> <li>Panelists: Sabrina Casucci, Chi Zhou, Timothy Leyh, John Coles</li> </ul>	Davis 101
14:30- 16:00	Entrepreneurship & Leadership	14:30 – 15:00	<b>Penn State's First Metaverse Node: A Design4Justice Cross-field Collaboration</b> <ul style="list-style-type: none"> <li>Sandra Allain, Lisa Sibilgia</li> </ul>	Firefly Conference Room Davis 208
		15:00 – 15:30	<b>University-Industry collaboration advances construction methodology: How academic research informs professional program design which in turn advances research</b> <ul style="list-style-type: none"> <li>Ronie Shilo</li> </ul>	
		15:30 – 16:00	--	

Time (ET)	Track	Session		Campus Location
<b>THURSDAY, JUNE 9<sup>th</sup> (continued)</b>				
14:30 – 16:00	DEI & SJ	14:30 – 15:00	<b>Creating Learning Environments to Expand Access and Student Engagement</b> <ul style="list-style-type: none"> <li>• Lisa Stephens</li> </ul>	Davis 230 A
		15:00 – 15:30	<b>SUNY Online Degrees at Scale: Building Programmatic Pathways for Adult, Online Learners at Scale</b> <ul style="list-style-type: none"> <li>• Kim Scalzo, Chuck Spuches</li> </ul>	
		15:30 – 16:00	<b>Awareness of Assistive Technology Impact Students with Disabilities' Success at the College Level</b> <ul style="list-style-type: none"> <li>• Humberto Hernandez</li> </ul>	
14:30 – 16:00	Mixed Session	14:30 – 16:00	<b>Facilitated Discussion:</b> 10 years of IACEE Quality Program for Continuing Education: How have the Continuing Engineering Education Organizations Changed <ul style="list-style-type: none"> <li>• Moderator: Soma Chakrabarti</li> </ul>	Ketter 140
16:30 – 20:00	MAID OF THE MIST EXCURSION AND DINNER IN NIAGARA FALLS			Niagara Falls, NY



Time (ET)	Track	Session		Campus Location
<b>FRIDAY, JUNE 10<sup>th</sup></b>				
8:30 - 10:00		8:30 – 9:00	Opening Remarks <ul style="list-style-type: none"> <li>• Kim Scalzo</li> </ul>	Davis 101
		9:00 – 9:30	<b>Keynote Address: Sustainability</b> <ul style="list-style-type: none"> <li>• Jeffrey D. Sachs</li> </ul>	
		9:30 – 10:00	Sponsor Remarks ThriveDX	
10:00 – 10:15	BREAK			Davis Hall 1 <sup>st</sup> floor atrium
10:15 – 11:15	Plenary	10:15 – 11:15	<b>Panel: A Critical Skill for a Dynamic World</b> <ul style="list-style-type: none"> <li>• Moderator: Paul Marca</li> <li>• Panelists: Detlef Hold, Daria Tataj, Anthony Morris, Wang Cheng</li> </ul>	Davis 101
11:15 – 11:30		BREAK		
11:30 – 12:30		11:30 – 12:30	IACEE Award Presentations <ul style="list-style-type: none"> <li>• Host: Katriina Schrey-Niemenmaa</li> </ul>	Davis 101
12:30 – 13:30	LUNCH AND CLOSING CEREMONIES			Pistachio's Student Union

## Sponsors

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