



ENGINEERS SERVING THE WORLD

Addressing **global challenges**
and developing capacity
to **serve society**



Program Schedule

Wednesday, May 20th

Time	Program
All Day	Individual Arrivals
	Hotel Check-In
2:30 PM - 6:00 PM	TRANSPORTATION – Free shuttle buses between hotels and Michigan League
3:00 - 7:30 PM	Registration Open Michigan League 2 nd Floor Concourse
3:30 - 6:00 PM	Michigan Stadium “Big House” Tour Meet at the Michigan League, where the bus will depart for the Stadium at 3:30pm (tour begins at 4:00pm) Join our insider tour of the largest college sports stadium in the United States. The Michigan Stadium (locally referred to as the “Big House”) holds 109,000 fans on any given game day. This is also a great opportunity to learn about American football traditions and culture.
6:00 PM - 7:30 PM	Welcome Reception with Global E3 and U-M Leadership Michigan League 2 nd Floor Concourse Join Global E3 colleagues and guests for drinks and hors d’oeuvres in the historic Michigan League. The League was founded in 1930 by an organization of university women to promote intellectual, cultural and social activities and to serve as a counterpart to the Michigan Union, which at the time served men only.
7:30 - 11:00 PM	Free time for dinner in downtown Ann Arbor (restaurant recommendations provided – sign up at Conference Registration)
7:30 - 11:00 PM	TRANSPORTATION – Free shuttle buses between hotels, Michigan League and downtown Ann Arbor

Thursday, May 21st

All meetings will be held at the Bob and Betty Beyster Computer Science and Engineering Building on the U-M North Campus.

Time	Program
8:00 - 9:30 AM	TRANSPORTATION – Free shuttle buses between hotels and North Campus meeting location

9:00 – 9:30 AM	<p>Global E3 Welcome 1670 Bob & Betty Beyster Building</p> <ul style="list-style-type: none"> • Larry Shuman, Chair of the Global E3 Executive Committee and Senior Associate Dean of Engineering, University of Pittsburgh • Peggy Blumenthal, Senior Counselor to the President, Institute of International Education <p>University of Michigan Welcome</p> <ul style="list-style-type: none"> • David C. Munson, Jr., Robert J. Vlasic Dean of Engineering and Professor of Electrical Engineering & Computer Science, University of Michigan
9:30 – 10:30 AM	<p>Industry Keynote Address 1670 Bob & Betty Beyster Building</p> <ul style="list-style-type: none"> • Timothy Frasier, Regional President, Automotive Electronics North America, Robert Bosch LLC
10:30 – 11:00 AM	<p>Coffee and Networking Bob & Betty Beyster Building – Tishman Hall</p>
11:00 AM – 12:00 PM	<p>Global E3 Program Updates (program overview and student participation numbers) 1670 Bob & Betty Beyster Building</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Sabeen Altaf, Senior Program Officer, US Student Programs, Institute of International Education • Daniel Kramer, Director, US Student Programs, Institute of International Education <p>Introduction of New Global E3 Members (Part I)</p> <ul style="list-style-type: none"> • Hamburg University of Applied Sciences • University of New Hampshire • Instituto Tecnológico de Buenos Aires (ITBA)
12:00 – 1:30 PM	<p>Networking Lunch Bob & Betty Beyster Building – Tishman Hall</p>
1:30 – 2:45 PM	<p>Concurrent Session 1: Developing Globally-Minded Engineers Through Academic Specializations and Minors 1670 Bob & Betty Beyster Building</p> <p>This presentation will include a discussion on how specialty programs are developed and introduced into the Colleges, what are some of the challenges administratively and barriers to student participation, and recommendations on what works and why.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Rachel Armstrong, Honors Academic Advisor, University of Michigan • Teresa Finis, Director, International Programs in Engineering, University of Illinois, Urbana-Champaign • Amanda Hammatt, Director of International Engineering Studies and Programs, University of Wisconsin-Madison • Pedro Linares, Professor of Industrial Engineering, Universidad Pontificia Comillas • Elizabeth Mekar, International Programs Manager, University of Michigan <p>Concurrent Session 2: Partnering for Student Health and Safety: Perspectives from Global E3 Member Countries 1690 Bob & Betty Beyster Building</p> <p>A look at the policies and regulations impacting US education abroad offices and how specific laws affect non-US partner institutions as they welcome US students to their campus. Panelists will discuss how these laws are being interpreted on their campuses. A speaker from Tohoku University will join</p>

	<p>the conversation explaining how they have dealt with local safety issues that affect visiting students, and how they are (or are not) dealing with US requirements.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Daniela Ascarelli, Assistant Vice Provost for International Programs and Director of Study Abroad, Drexel University • Ai Funayama, Research Associate and Language Lecturer, Tohoku University • Philippe Gaubert, Associate Professor, Tohoku University • Lorie Páulez, Director of Education Abroad, Georgia Institute of Technology
2:45 – 3:15 PM	<p>Coffee and Networking Bob & Betty Beyster Building – Tishman Hall</p>
3:15 - 4:30 PM	<p>Plenary Session: Preparing Engineering Students for Real-World Problem Solving through Humanitarian Design Projects 1670 Bob & Betty Beyster Building</p> <p>Insitu, the U-M Center for Socially Engaged Design focuses on transforming the human condition in emerging communities through the design, analysis, and implementation of technologies in partnership with end users and stakeholders. The Insitu co-founders will share their experiences developing design-based student learning opportunities in less developed countries, both within the engineering curriculum and through co-curricular student project teams.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Shanna Daly, Assistant Research Scientist in Undergraduate Engineering Education. Co-Director of Insitu, the U-M Center for Socially Engaged Design, University of Michigan. • Kathleen Sienko, Associate Professor of Mechanical Engineering and Biomedical Engineering. Co-Director of Insitu, the U-M Center for Socially Engaged Design, University of Michigan • Steven Skerlos, Arthur F. Thurnau Professor, Professor of Mechanical Engineering and Civil and Environmental Engineering. Co-Director of Insitu, the U-M Center for Socially Engaged Design, University of Michigan
4:30 – 5:15 PM	<p>Tour 1: North Campus Overview</p> <p>Learn about the academic facilities and services that will support your students at the U-M. Visit the Chrysler Center to learn about College of Engineering international programs, career services, academic advising, and student activities and leadership. See the Duderstadt Center, our 24-hour collaborative space for individual study and group work. The Duderstadt Center is also home to the engineering library and digital media commons (3D and virtual reality labs, video production studio, audio recording studio, electronic music studios and 400+ student computer stations). Walk through the Art and Design Gallery and view our excellent collection of public, outdoor art installations. See the Wilson Student Team Project Center, which includes fabrication and design space for the U-M solar car, Formula SAE, Human-Powered Submarine, Mars Rover, Steel Bridge teams and more. The tour will also include the Pierpont Commons Student Center to see retail, dining and recreational space on North Campus.</p> <p>Tour 2: MARLO Robotics Lab</p> <p>MARLO is a 3rd generation bipedal robot developed by Jessy Grizzle, the Jerry W. and Carol L. Levin Professor of Engineering and the Elmer G. Gilbert Distinguished University Professor. MARLO is a 3D robot designed to study principles of dynamic walking. Unlike most other 3D walking robots, MARLO does not have large feet with powered ankles. This forces the robot to balance dynamically, but may lead to more supernatural and more energetically efficient walking. MARLO and its counterparts represent the second bipedal robot model in the world – and the first at a university – with a gait that isn't flat-footed. While MARLO has been seen walking around campus, this tour will visit MARLO in the lab.</p>
5:00 – 6:30	<p>TRANSPORTATION - Shuttle buses between hotels and meetings</p>

6:30 - 9:00 PM	Dinner hosted by U-M, Cottage Inn Italian Restaurant in downtown Ann Arbor 512 East William Street
9:00 - 10:00 PM	TRANSPORTATION - Shuttle buses between hotels and restaurant

Friday, May 22nd

All meetings will be held in the Michigan League on the U-M Central Campus. Dinner will be held at the University of Michigan Museum of Art, also on the U-M Central Campus.

Time	Program/Speakers
8:30 - 9:30 AM	TRANSPORTATION - Shuttle buses between hotels and Michigan League
9:00 – 9:30 AM	<p>Provost’s Welcome Michigan League – 2nd Floor Vandenberg Room</p> <ul style="list-style-type: none"> Martha E. Pollack, Provost and Executive Vice President for Academic Affairs, Professor of Computer Science and Engineering and Professor of Information, University of Michigan
9:30-10:30 AM	<p>Introduction of New Global E3 Members (Part 2)</p> <ul style="list-style-type: none"> RWTH Aachen University University of Delaware University of Newcastle University of Florida <p>Facilitators:</p> <ul style="list-style-type: none"> Sabeen Altaf, Senior Program Officer, US Student Programs, Institute of International Education Daniel Kramer, Director, US Student Programs, Institute of International Education
10:30 - 10:45 AM	<p>Coffee and Networking Michigan League – 2nd Floor Concourse</p>
10:45 - 12:00 PM	<p>Concurrent Session 3: Strategies for Student Advising and Outreach in Engineering Exchange Michigan League – 3rd Floor Koessler Room</p> <p>The session will address the following questions:</p> <ul style="list-style-type: none"> What is the profile of undergraduate engineering students? What do they look for in a study abroad program? What particular challenges do they face? How to best advise undergraduate engineering students to meet their particular needs? What are some of the different approaches? What program models or strategies have institutions developed to meet the particular needs of undergraduate engineering students? <p>Presenters:</p> <ul style="list-style-type: none"> Caine Francis, International Program Advisor, Oregon State University Erica Sebastian, Assistant Director for Exchange Programs, Drexel University Christina Grossman, Head of International Office at the Faculty of Engineering, LTH of Lund University <p>Concurrent Session 4: Faculty and Education Abroad Professionals Partnering for Success Michigan League – 2nd Floor Hussey Room</p> <p>Best practices on how successful Global E3 member schools work internally on recruiting, advising, approving courses, awarding credits, and also promoting the program on campus to students, faculty</p>

	<p>and administration. The session will highlight the importance of faculty working with advising offices.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Er Meng Hwa, Vice President for International Affairs and Professor of Electrical and Electronic Engineering, Nanyang Technological University • Pauline Ho, Deputy Director of International Exchange, Nanyang Technological University • Luchen Li, Associate Provost for International Programs, University of New Hampshire • Chuck Zercher, Associate Dean for Academic Affairs, College of Engineering and Physical Sciences, University of New Hampshire • Kristine Lalley, Director of International Engineering Initiatives, University of Pittsburgh • Larry Shuman, Senior Associate Dean of Engineering, University of Pittsburgh
12:00 - 1:30 PM	<p>Networking Lunch Michigan League – Buffet located in 2nd Floor Concourse, Seating in Michigan and Kalamazoo Rooms</p>
1:30 - 3:00 PM	<p>Concurrent Session 5: Faculty Discussion on Best Practices in Course Equivalencies - How to Engage Students in the Process Michigan League – 2nd Floor Hussey Room</p> <p>The discussion will be focused on the process by which credits are awarded and equivalencies are determined for engineering courses taken abroad. US and International faculty representatives will specifically speak to what they look for in a course syllabus: content, pre-requisites, number of credit hours and any other factors that may be useful in determining equivalencies.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Randy Collins, Executive Director of Academic Initiatives and Professor of Electrical and Computer Engineering, Clemson University • Greg Hulbert, Professor of Mechanical Engineering and Faculty Advisor to International Programs, University of Michigan • Per Warfvinge, Assistant Dean and Professor of Chemical Engineering, Lund University <p>Concurrent Session 6: Global E3 Application and Placement Process – How to Leverage the On-line Application System Michigan League – 3rd Floor Koessler Room</p> <p>Learn about the Global E3 online application portal: how students can research different Global E3 universities, complete and submit the application, and how advisers can utilize the system to better guide students. Technical tips along with strategies on how to successfully use the system will be provided.</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Emily Keeler, International Programs Advisor, University of Michigan • Alyssa Yeng, Program Officer, US Student Programs, IIE
3:00 - 5:00 PM	<p>Option 1: Blastoff: An Intercultural Simulation Michigan League – 3rd Floor Henderson Room</p> <p>Participate in an interactive simulation of intercultural teamwork that is based on the International Space Station Program. Experience it first hand and then use it on your own campus to prepare students for participation in an exchange or to help them post-program as they think about how they will use their intercultural skills after graduation.</p> <p>Facilitators:</p> <ul style="list-style-type: none"> • Amy Henry, Executive Director of International Education, Georgia Institute of Technology • Jennifer Baird, Director of Global International Program and International Plan, Georgia Institute of Technology <p>Option 2: U-M Central Campus Tour</p>

	This 90-minute walking tour will orient you to our central campus, academic facilities, libraries, student unions and residence halls. Explore some “Wolverine” traditions and ask questions of our U-M student guides. A preview is available through our virtual tour: http://admissions.umich.edu/explore-visit/virtual-tour .
5:00 - 7:30 PM	TRANSPORTATION - Shuttle buses between hotels, Michigan League and U-M Museum of Art
5:00 - 6:30 PM	Networking/Free time
6:30 - 7:30 PM	Reception & Self-Guided Tours of Art Collections University of Michigan Museum of Art, 525 S State Street
7:30 - 9:30 PM	Dinner at the University of Michigan Museum of Art Host: <ul style="list-style-type: none"> James Holloway, Vice Provost for Global and Engaged Education, Arthur F. Thurnau Professor, Professor of Nuclear Engineering and Radiological Sciences, University of Michigan
9:00 - 10:00 PM	TRANSPORTATION - Shuttle buses between hotels and U-M Museum of Art

Saturday, May 23rd

All meetings will be held at the Bob and Betsy Beyster Computer Science and Engineering Building on the U-M North Campus.

Time	Program
8:00 - 9:30 AM	TRANSPORTATION - Shuttle buses between hotels and meetings
9:00 – 11:30 AM	Global E3 Business Meeting 1670 Bob & Betty Beyster Building The annual business meeting will conclude with a discussion of new directions for the consortium and member feedback on Global E3 operations and activities: <ul style="list-style-type: none"> Role of Global E3 in co-curricular student experiences Faculty exchanges and research collaborations Presentation of 2016 meeting venue Suggestions for 2016 meeting structure and content Closing remarks Facilitators: <ul style="list-style-type: none"> Sabeen Altaf, Senior Program Officer, US Student Programs, Institute of International Education Larry Shuman, Chair of the Global E3 Executive Committee and Senior Associate Dean of Engineering, University of Pittsburgh
11:30 AM	TRANSPORTATION - Shuttle buses back to hotels as needed