



2018 **ENGINEERING TECHNOLOGY LEADERS INSTITUTE**

ARLINGTON, VA + OCTOBER 11-12, 2018

“ENGINEERING TECHNOLOGY LEADERS: EXPANDING THE BRAND”



HYATT REGENCY CRYSTAL CITY
2799 JEFFERSON DAVIS HWY
ARLINGTON, VA 22202

WELCOME TO THE 2018 ENGINEERING TECHNOLOGY LEADERS INSTITUTE

On behalf of the ASEE Engineering Technology Council, we welcome you to the 43rd Engineering Technology Leaders Institute (ETLI). We are excited to be in Washington, D.C. for the sixth consecutive year. We look forward to your contributions on a variety of important issues and topics; we have structured the sessions to produce the maximum input from everyone present.

This year's ETLI theme is "Engineering Technology Leaders: Expanding the Brand." The theme is in recognition of moving beyond our first fifty years and into the next fifty. We will begin ETLI on Thursday with visits to Capitol Hill, allowing attendees to meet with their members of congress. This will potentially help us influence policy and expand the awareness of ET programs and graduates.

As part of the formal program, industry professionals will discuss how to better market the ET brand, sharing best practices and current hot marketing methods. In addition, the lunch discussion on Friday will provide insight into the governance structure of ABET.

Friday afternoon sessions should be of particular interest to Engineering Technology Leadership, which includes a conversation on PE licensure for ET graduates. Representatives from NCEES and NSPE will lead a discussion on current policies on licensure for ET 4-year graduates and thoughts regarding changing these policies. The following session will be a presentation by Dr. Victor McCrary, lead on the Task Force on the Skilled Technical Workforce (STW) at the National Science Board (NSB). Dr. McCrary will be sharing updates on NSB's vision regarding STW.

ETLI continues to be a vehicle for a national call to action, mobilizing our professional societies and accreditation agencies to work in a coordinated, strategic way in supporting our leaders. We encourage you and others, as leaders of ET, to be involved by participating in this meeting and volunteering to be part of the leadership team.

We hope you enjoy the Institute and have ample opportunity to network with your colleagues and leaders in the field. We look forward to seeing you at the 43rd ETLI.

Scott Dunning
ETC Chair, University of Maine

Carol Lamb
Co-Chair, ETLI and
Youngstown State University



2018 ETLI PROGRAM

THURSDAY, OCTOBER 11, 2018	
REGISTRATION: WASHINGTON A FOYER	7:30 AM – 10:00 AM
BREAKFAST: CONFERENCE THEATER FOYER	7:30 AM – 8:15 AM
WELCOME: CONFERENCE THEATER ROOM Carol Lamb, Co-Chair ETLI and Director School of Engineering Technology, Youngstown State University	8:15 AM – 8:30 AM
SESSION 1: CONFERENCE THEATER ROOM LEGISLATIVE UPDATES AND DISCUSSIONS This session will feature a discussion with ASEE’s federal relations, Lewis-Burke Associates LLC (Lewis-Burke), a Washington D.C.-based government relations firm with over 25 years of experience advocating for non-profit universities and research organizations. The discussion will provide an overview of the current state of play in Washington, briefings on key federal issues that apply to engineering technology and workforce development, and tips for impactful ET advocacy. PRESENTERS: Miriam Quintal, Lewis-Burke Associates LLC Bill Ruch, Lewis-Burke Associates LLC MODERATOR: Carol Lamb, Co-Chair ETLI and Director School of Engineering Technology, Youngstown State University	8:30 AM – 9:30 AM
SESSION 2: CAPITOL HILL VISIT VISITS TO THE HILL AND AGENCIES This session will be the planned visits to the capitol with individual meetings with members of Congress and Staff and to the national agencies to discuss issues about engineering technology education, employment, and policy priorities.	10:30 AM – 5:00 PM
OPENING DINNER: POTOMAC I & II Engineering Technology Council Dinner for all registered ETLI attendees. Please join us for dinner, wine and conversation. ASEE Executive Director, Norman Fortenberry will have an ASEE Headquarters’ update and we will discuss issues and strategies for active participation in ETC. SPEAKER: Norman Fortenberry, ASEE Executive Director MODERATOR: Ken Burbank, Professor and Chair, Department of Engineering Technology, Purdue University	6:00 PM – 8:00 PM



FRIDAY, OCTOBER 12, 2018

REGISTRATION: WASHINGTON A FOYER

7:00 AM – 5:00 PM

CONTINENTAL BREAKFAST: WASHINGTON A FOYER

7:30 AM – 8:30 AM

ETLI OPENING PLENARY: WASHINGTON ROOM

8:30 AM – 9:30 AM

WELCOME

Scott Dunning, ETC Chair and Professor and Director School of Engineering Technology, University of Maine

INTRODUCTION OF SPEAKER:

Scott Dunning, ETC Chair and Professor and Director School of Engineering Technology, University of Maine

WELCOME ASEE PRESIDENT

Stephanie Farrell, ASEE President, Professor and Chair ExEED Rowan University

KEYNOTE SPEAKER

INTRODUCTION OF SPEAKER:

Scott Dunning, ETC Chair and Professor and Director School of Engineering Technology, University of Maine

SPEAKER:

Paul Mittan, Project Engineering Manager, Lockheed Martin Corporation

MODERATOR:

Gary Steffen, Associate Professor and Chair Department of Computer, Electrical, and Information Technology, Purdue University, Fort Wayne

REFRESHMENT BREAK: WASHINGTON A FOYER

9:30 AM – 10:00 AM

SESSION 1: WASHINGTON ROOM

10:00 AM – 11:00 AM

MARKETING ENGINEERING TECHNOLOGY

There currently exists significant public and political support for STEM-related education and careers, particularly those that involve practical, hands-on skills. This awareness combined with new and ever-evolving communication channels, gives engineering technology programs and practitioners an ideal opportunity to talk about what we do and why we are relevant. A panel of Washington, DC-based communication experts will discuss how to best sharpen and expand our message.

SPEAKER:

Ann Merchant, Deputy Executive Director, Office of Communications at The National Academy of Sciences, Engineering, and Medicine

Mark Matthews, Editor, Prism Magazine, ASEE


Adam Sharp, ASPR, CEO, President

MODERATORS:

James Otter, Director, School of Construction, Pittsburg State University

Pat Fox, Past Chair, ETC, and Clinical Assistant Professor, Indiana University Purdue University Indianapolis



<p>LUNCH: POTOMAC I & II (SPONSORED BY ABET)</p>  <p>ABET</p> <p>ABET The luncheon talk will be an explanation of ABET governance structure.</p> <p>SPEAKER: Joe Sussman, Chief Accreditation Officer and Chief Information Officer for ABET</p> <p>MODERATOR: Alok Verma, Professor, Engineering Technology Department, Old Dominion University</p>	11:00 AM – 12:30 PM
<p>SESSION 2: WASHINGTON ROOM</p> <p>ENGINEERING TECHNOLOGY LICENSURE ISSUES This session will be a panel discussion with officers from NCEES/NSPE on PE Licensure for ET graduates, NCEES/NSPE organizations' stance regarding Engineering Technology (2 & 4 year graduates), current policy regarding licensure for the ET 4 year graduates, and thoughts regarding change for licensure for ET graduates.</p> <p>SPEAKERS: James Purcell, P.E., President, NCEES Michael Aitkin, P.E., F.NSPE, 2018-2019 President, NSPE Mark Golden, FASAE, CAE, Executive Director, NSPE</p> <p>MODERATORS: Marty Gordon, Professor and Director of External Relations, College of Engineering Technology, Rochester Institute of Technology Ron Land, Professor Emeritus, College of Engineering, Penn State University and Chair of ETNF</p>	12:30 PM – 3:30 PM
<p>REFRESHMENT BREAK: WASHINGTON A FOYER</p>	3:30 PM – 4:00 PM



<p>SESSION 3: WASHINGTON ROOM</p> <p>SKILLED TECHNICAL WORKFORCE (STW) This session will be a discussion on the National Science Boards’s (NSB) task force’s vision regarding STW, current findings, research initiative and opportunities for ET graduates. Dr. Victor McCrary is the head of the Task Force on the Skilled Technical Workforce (STW) at the National Science Board (NSB). The Task Force is charged with thoroughly reviewing the current state of the nation’s STW and identifying best practices to overcome critical needs.</p> <p>SPEAKER: Victor McCrary, Chair, NSF Taskforce on the Skilled Technical Workforce (STW) Victor R. McCrary was previously Vice Chancellor for Research at the University of Tennessee in Knoxville. He also was previously the first Vice President for Research and Economic Development at Morgan State University, Baltimore, MD. Prior to the position at Morgan State University, he was the Business Area Executive for Science & Technology at The Johns Hopkins University Applied Physics Laboratory (APL).</p> <p>McCrary serves on numerous committees including the subcommittee for the U.S. Air Force Institute of Technology (AFIT), the Intelligence Science and Technology Experts Group of the National Academies of Science, Engineering and Medicine, the advisory board for electrical and computer engineering at The Citadel, the board of the Maryland Innovation Initiative of the Maryland Technology Development Corporation (TEDCO), and the PubMed Central National Advisory Committee for the National Institutes of Health.</p> <p>MODERATORS: Robert Weissbach, Chair, Department of Engineering Technology, Indiana University Purdue University Indianapolis Vassilios Tzouanas, Associate Professor and Assistant Chair, College of Science and Technology, University of Houston-Downtown</p>	4:00 PM – 5:00 PM
<p>BANQUET: LINCOLN/ ROOSEVELT ROOM</p> <p>Discussion of the visit to the Capital and Agencies and take aways from the ETLI Meeting.</p> <p>MODERATOR: Ron Land, Professor Emeritus, College of Engineering, Penn State University and Chair of ETNF</p>	5:45 PM – 7:45 PM
SATURDAY, OCTOBER 13, 2018	
<p>ETC EXECUTIVE BOARD AND ETLI 2019 PLANNING COMMITTEE MEETING (BREAKFAST MEETING): KENNEDY</p> <p>For all ETC Executive Board Members, ETNF members, ETLI Chair, ETLI Past Chair, ETLI planning committee, and anyone else who would like to attend, please join us.</p>	8:00 AM – 9:30 AM
<p>CONTINENTAL BREAKFAST: KENNEDY FOYER</p>	8:00 AM – 8:30 AM

Hotel located right outside Washington, D.C. with complimentary shuttle service to and from Reagan National Airport.

ETLI webpage – <https://www.asee.org/conferences-and-events/conferences/etli/2018>

If you have questions about ETLI 2018, please contact Carol Lamb at cmlamb@ysu.edu



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