



2015

ENGINEERING TECHNOLOGY LEADERS INSTITUTE

ARLINGTON, VA + OCTOBER 9, 2015



THE WESTIN CRYSTAL CITY HOTEL
1800 JEFFERSON DAVIS HWY
ARLINGTON, VIRGINIA 22202

WELCOME TO THE 2015 ENGINEERING TECHNOLOGY LEADERS INSTITUTE

On behalf of the ASEE Engineering Technology Council, we welcome you to the 40th Engineering Technology Leaders Institute (ETLI). We are excited to be in Washington, D.C. for the third consecutive year convening ET Leaders in dialogue. This year's ETLI theme is "To build a Strong Future." We are looking for your contributions and input in a variety of important issues and topics; therefore, we structured the sessions to produce the maximum input from everyone present.

The ETLI planning committee chose three different but very interesting topics for us to explore today. In the first session, we will examine and discuss different pathways for ET students in graduate education. We will also discuss different pathways for future faculty with an emphasis on developing Research & Development industry ready professionals as well as preparing a pool of candidates for ET faculty positions with alternative credentials to the Ph.D. in engineering. In the second session, we will address the "value" of Engineering Technology with our constituents. The Engineering Technology Council's National Forum group developed the ET Value Proposition Statement over a yearlong process and from input from many sources. The Value Proposition is meant to be a concise and comprehensive statement that portrays the value of engineering technology programs to all of its constituents. We look forward to your input and discussion in this session. The third session will explore several best practices in Engineering Technology that can be replicated at other institutions. In addition to the major three sessions, we will have an update on the National Academy for Engineering (NAE) Engineering Technology Study from Mr. Greg Pearson. The study is soon to be published.

The Engineering Technology Leaders Institute 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 graduates. We encourage you and others 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. Thank you for coming to the 40th ETLI.



Ken Burbank
ETC Chair, Purdue University



Pat Fox
Chair, ETLI and IUPUI

2015 ETLI PROGRAM

FRIDAY, OCTOBER 9, 2015	
REGISTRATION <i>Ballroom Foyer</i>	8:00 am — 5:00 pm
CONTINENTAL BREAKFAST <i>Ballroom Foyer</i>	8:00 am — 9:00 am
ETLI OPENING PLENARY <i>Jefferson II & III</i>	9:00 am — 10:00 am
<p>WELCOME AND OPENING REMARKS: Professor Patricia Fox, Chair of Engineering Technology Leaders Institute (ETLI) and Clinical Assistant Professor of Organizational Leadership and Supervision, Purdue School of Engineering and Technology, IUPUI</p> <p>INTRODUCTION: Dr. Ken Burbank, Chair of Engineering Technology Council (ETC), Head, School of Engineering Technology, Purdue Polytechnic Institute</p> <p>KEYNOTE SPEAKER: Dr. Joseph Rencis, ASEE President, Dean of Engineering, Clay N. Hixson Chair for Engineering Leadership & Professor, Mechanical Engineering, Tennessee Technological University</p>	
REFRESHMENT BREAK <i>Ballroom Foyer</i>	10:00 am — 10:30 am
SESSION 1 - PATHWAYS FOR ENGINEERING TECHNOLOGY GRADUATE EDUCATION: This session explores existing and future opportunities for master's and doctoral Engineering Technology education in the context of (1) developing industry-ready Research & Development and professional skills, and (2) preparing a pool of candidates for ET faculty positions with alternative credentials to the PhD in engineering.	10:30 am — 12:00 pm
<p>MODERATORS: Dr. Enrique Barbieri, Professor & Chair, Department of Engineering Technology, University of North Texas Dr. James Frendewey, Dean of the School of Technology, Michigan Technological University</p>	

LUNCH <i>Crystal V & VI</i>	12:00 pm - 1:30 pm
REPORT OF THE NAE ENGINEERING TECHNOLOGY STUDY AND ASEE ENGINEERING TECHNOLOGY DATA GATHERING	
<p>SPEAKERS: Mr. Greg Pearson, Senior Program Officer, National Academy of Engineering, Washington, D.C. Dr. Brian Yoder, ASEE</p> <p>MODERATOR: Dr. Ken Burbank, Chair of Engineering Technology Council (ETC), and Head, School of Engineering Technology, Purdue Polytechnic Institute</p>	
SESSION 2 - THE ENGINEERING TECHNOLOGY VALUE PROPOSITION FOR STUDENTS, BUSINESS & INDUSTRY, AND ACADEMIC INSTITUTIONS For the last several months the Engineering Technology National Forum committee has been working to develop a value proposition that portrays in succinct yet comprehensive fashion the value of engineering technology programs to all of its constituents — i.e., its prospective students and potential employers of its graduates — and the value it adds to those institutions that offer them. A draft of that proposition will be presented and used as a basis for an open discussion of its content and effectiveness, and ways to improve it.	1:30 pm - 3:00 pm
<p>MODERATORS: Professor Ron Land, Associate Professor, College of Engineering, System-wide Coordinator, Electro-Mechanical Engineering Technology, Penn State University Dr. Ken Burbank, Chair of Engineering Technology Council (ETC), and Head, School of Engineering Technology, Purdue Polytechnic Institute</p>	



FRIDAY, OCTOBER 9, 2015	
REFRESHMENT BREAK <i>Ballroom Foyer</i>	3:00 pm - 3:30 pm
SESSION 3 - BEST PRACTICES IN ENGINEERING TECHNOLOGY This session will focus on best practices in the engineering technology programs that can be replicated at other institutions. Proposals for best practices have been requested from the engineering technology community and several were chosen for presentation in a panel format. Small discussion groups will be formed after the presentations for participants to ask the presenters questions about their best practices. MODERATORS: Professor Carol Richardson , Professor Emeritus, College of Applied Science and Technology, Rochester Institute of Technology Professor Maureen Valentine , Professor, College of Applied Science and Technology, Rochester Institute of Technology	3:30 pm - 5:00 pm
BANQUET: SUMMARY OF THE DAY'S SESSIONS AND TAKEAWAYS FOR FUTURE MEETINGS <i>Crystal V & VI</i> MODERATOR: Professor Ron Land , Associate Professor, College of Engineering, System-wide Coordinator, Electro-Mechanical Engineering Technology, Penn State University	5:45 pm - 7:45 pm

SATURDAY, OCTOBER 10, 2015	
ETLI EXECUTIVE COMMITTEE MEETING <i>Crystal VI</i>	8:00 am - 10:00 am

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