

Bridging Academia and Industry

Joseph P. Morray, Jr.
Panel Moderator



President,
*Trinity
Technologies Corp.*

Sustaining a Competitive Advantage

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Challenges Facing the Industry

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Challenges Facing the Industry

- Decreasing number of engineering graduates in North America

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- Decreasing number of engineering graduates in North America
- Senior people leaving industry to retire

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- Decreasing number of engineering graduates in North America
- Senior people leaving industry to retire
- Projects are becoming more complex

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Challenges Facing the Industry

- Decreasing number of engineering graduates in North America
- Senior people leaving industry to retire
- Projects are becoming more complex
- The global race intensifies . . .

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Panel Drivers

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Panel Drivers



Theme 1:
Attracting our
Best and Brightest

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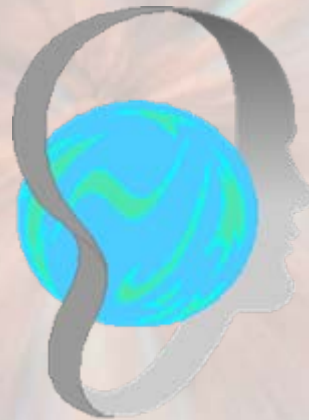
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Panel Drivers



Theme 1:
Attracting our
Best and Brightest



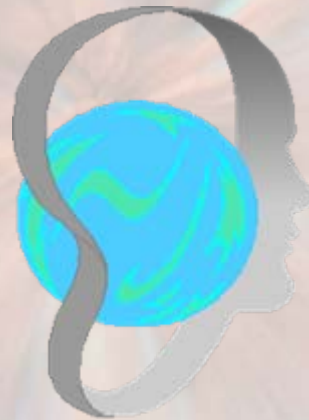
Theme 2:
Academia as a Knowledge Engine
for Industry

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Panel Drivers



Theme 1:
Attracting our
Best and Brightest



Theme 2:
Academia as a Knowledge Engine
for Industry



Theme 3:
Industry Goes
Back to School

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Dr. Jorge Vanegas



Professor,
*Texas A&M
University*

Attracting the New
Engineering Student

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Dr. John Kunz



Executive Director,
*Center for Integrated
Facility Engineering
(CIFE)*
Stanford University

Academia as the Knowledge Engine
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Bridging Academia and Industry

Mr. James Breson



Director,
Projects Academy,
BP

Industry Goes Back to School

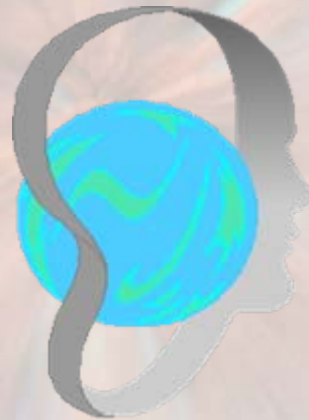
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Panel Drivers



Theme 1:
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ARS Question



Please Identify yourself as:

1. Owners Organization



2. Contractors Organization



3. Supplier



4. Academia or Other



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Education / Academia- ARS Question 1



Have you ever written a message that includes the following:
"IMHO", "NE1", "BRB", "TYVM", "YW"?

1. Yes, I've used all of them

0%

2. Yes, I've used at least half of them



3%

3. Yes, but only rarely



21%

4. I have no idea what you are talking about



76%

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Education / Academia- ARS Question 2



Does your company have a formal high school "out reach" program, to show what is happening in the industry?

1. Yes



2. No, but I think we should



3. No



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Education / Academia- ARS Question 3



Does your company have a formal university collaboration program, where you establish projects (and funding) for them to work on?

1. Yes



2. No, but I think we should



3. No



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Education / Academia- ARS Question 4



If a university offered a similar program to Projects Academy (custom curriculum for a company), is this something your company would consider adopting?

1. Yes



2. No



3. We already have a similar program



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