Frontiers in Education 2016

Erie, PA

October 12-15, 2016

The Crossroads of Engineering and Business
Erie, Pennsylvania

- Easy drive from Buffalo, Cleveland, Pittsburgh, Toronto
Erie, Pennsylvania

- Easy drive from Buffalo, Cleveland, Pittsburgh, Toronto
- Direct flights through Detroit, Chicago, Philadelphia
Theme:
The Crossroads of Engineering and Business

Gannon University
Penn State Behrend
Cool Things at FIE’16

• Technical Program
  – Applicable and groundbreaking research

• Keynote Speakers
  – GE Transportation Systems
  – KEEN Program

• K-12 Co-Located Event
  – ASEE K-12 Co-sponsored
  – Regional K-12 educators

• Faculty Development
  – Scholarship of Teaching & Learning
    • Arnold Pears, Uppsala
    • Process Education
      • Dan Apple, Pacific Crest

• Awards
  – IEEE-Ed Society
  – FIE
Intersection of Engineering and Business Skills

Keynote Speaker:
Edward J. Hall, Ph.D.
Senior General Manager,
Engine Technologies
GE Transportation, Erie, PA
Instilling the Entrepreneurial Mindset in Engineering Undergraduates

Keynote Speaker:

Douglas Melton, Ph.D.

Program Director, Kern Entrepreneurship Education Network (KEEN) Program
The ‘E’ in STEM Workshops

NEW special K-12 workshop track
FIE’16-ASEE K-12 Division Co-Sponsored Event
Saturday October 15, 2016

• Follows ASEE K-12 formats
• Presented to regional K-12 educators
• Opportunity for full paper
Scholarship of Teaching and Learning in Engineering: *Principles and Practice Workshop*
IEEE-CS Professional Development Workshop

- Higher education research literature
- Systematic investigation of learning phenomena
- Application to their own teaching
- Beginning research studies in their teaching
Process Education™ Workshop
Dan Apple, Ph.D.

• Educational philosophy
• Help learners develop broad, transferable learning skills
• Empower students to continually improve their ability to learn and grow
Venue – Erie Bayfront
Thursday Reception:
Sponsored by GE Transportation
Call for Papers

• Abstracts: February 4th
• 1st Reviews: March 14th
• Full Papers: April 25th
• 2nd Reviews: May 20th
• Final Draft: July 8th

Fie2016.org
Fie-conference.org