

## 104<sup>th</sup> Conference

### Mississippi Valley Technology Teacher Education Conference

Holiday Inn Express & Suites, St. Louis, Missouri, USA  
November 16-17, 2017

#### Thursday, November 16, 2017

**9:00 a.m.**                    **Welcome, Introductions, and Announcements**

**9:30 a.m.**                    **SESSION I: The Role and Impact of Engineering Design**

Presiding:                    **Dr. Jerry Cloward**, Eastern Illinois University

Session Chair:             **Dr. Andy Klenke**, Pittsburg State University

- Research on the Identification of characteristics and influences of tomorrow's Technology Education Teacher  
**Drs. Richard Miller**, Ohio Northern University  
**Dr. David Rouch**, Ohio Northern University
- Research on K-12 Teacher Credentialing in Engineering in the 50 United States  
**Dr. Michael DeMiranda**, Texas A&M University
- Research on an Integrated STEM Approach to Teacher Professional Development  
**Dr. Todd Kelley**, Purdue University  
**Dr. Goeff Knowles**, Ivy Tech Community College
- Technology Education: Perception and Preparation for the Contemporary Students  
**Dr. Jessica L. Murphy**, Jackson State University

**Noon - 1:15 p.m.**        **Lunch (on your own)**

**1:15 p.m.**                    **SESSION II: Does the Rhetoric Emulate Reality?**

Presiding:                    **Dr. Aaron Clark**, North Carolina State University

Session Chair:             **Mr. John F. Flanagan**, Goodheart-Willcox Publisher

- Are technology and engineering teacher education programs more appropriately located in pure teacher education departments, or departments where the primary focus is not on teacher education?  
**Dr. Ryan Brown**, Illinois State University
- Why technology and engineering teacher education should consider transitioning more fully to an engineering education model?  
**Dr. Greg Strimel**, Purdue University  
**Dr. Tanner Huffman**, Purdue University
- Why the technology and engineering teacher education should remain focused on technological literacy as a primary driver of the curriculum?

**Dr. Scott Warner**, Millersville University

- **WiFAB: A Professional Development Initiative for the Utilization of Fab Lab Technologies to Teach Engineering Design**

**Dr. Kenneth Welty**, University of Wisconsin--Stout

**4:30 p.m.      SESSION III: MVTTEC Business Meeting**

Presiding:      **Dr. Michael Daugherty**, University of Arkansas

1. Report of the Membership Committee
  - a. **Dr. Vinson Carter**, University of Arkansas
3. Consideration of nominations for membership
4. Other Business

**Friday, November 17, 2017**

**8:30 a.m.              Installation of New Members, Mississippi Valley Conference**  
**Dr. Ray Diez**, Western Illinois University

**9:30 a.m.              SESSION IV: Trends, Issues, and Opportunities**

Presiding:              **Dr. Chris Merrill**, Illinois State University

Session Chairs:      **Dr. George Rogers**, Purdue University: Retired

- Adaptive Comparative Judgement: A Better Approach to Open-ended Problem Assessment  
**Dr. Scott R. Bartholomew**, Purdue University
- Consideration on the Thinking of Technology for Technology Education in the Future  
**Dr. Kazuhiro Sumi**, Saga University
- Linking Technical Education System to Rural Manufacturing  
**Dr. Raymond Dixon**, University of Idaho
- Establishing Core Undergraduate Design & Innovation Curriculum: Reaching New Audiences  
**Dr. Greg Strimel**, Purdue University  
**Dr. Todd Kelley**, Purdue University

**11:45 a.m.              Conference Wrap-Up**  
**Submit Topics for the 105<sup>th</sup> Conference in Nashville**  
**Adjournment of the 104<sup>th</sup> Mississippi Valley Conference**

**Future Mississippi Valley Conferences:**

105<sup>th</sup> Conference, November, 2018, Nashville, TN

106<sup>th</sup> Conference, November, 2019, Chicago, IL

**Other Conferences:**

80<sup>th</sup> ITEEA Conference, April 12 – 14, 2018, Atlanta, GA

81<sup>st</sup> ITEEA Conference, March 28 – 30, 2019, Kansas City, MO