

FOUR STATE REGIONAL TECHNOLOGY CONFERENCE

Sustainability Through Lean and Green Technology

November 12-13, 2009

**Pittsburg State University/Kansas Technology Center
Pittsburg, KS**

SPECIAL EVENTS

BattleBOTS at Gorilla Ridge

Presenters: Michael Neden, PSU and PITSCO

Time: Thursday, 9:00 - 10:20 a.m.

Location: S102 KTC

The Technology Education Program at Pittsburg State University has teamed up with PITSCO, Inc. to sponsor the First Annual "Battlebots at Gorilla Ridge" Robot Challenge during the Four States Regional Technology Conference. Participants will be able to drop by and try their hand at navigating the treacherous "Gorilla Ridge" obstacle course and record a score. The top eight scores will compete for the grand prizes to be given away at the end of the session. This is a great opportunity for Technology Education Teachers and TECA Students to "showcase" their navigational skills and competitive spirit. Come by and check out this fun session and see who can master "Gorilla Ridge" in this year's competition.

Thursday, November 12, 2009

Sessions starting at 8:30 am

SHRM Chapter Meeting

What's Up on the Horizon: Upcoming HR Issues

Presenters: Trinidad Galdean, KS-SHRM Legislative Director

Time: Thursday, 8:30 - 10:00 a.m.

Location: S207 KTC

Explains implications of pending and proposed employment related legislation affecting human resource practitioners, employees and employers, as well as a discussion of recent changes in state and federal employment legislation.

Thursday, November 12, 2009

Sessions starting at 9:30 am

Retention of Health Occupational Instructors in Kansas

Presenters: Don Townsend, Julie Dainty, Greg Belcher, and Brian Sandford, PSU

Time: Thursday, 9:30 - 10:20 a.m.

Location: S109 KTC

Research will be presented about data collected in regard to retention of Health Occupational Instructors in the State of Kansas.

Going Green in the Woodworking Industry

Presenters: Doug Hague, J. Clous Backs and John Iley, PSU

Time: Thursday, 9:30 - 10:20 a.m.

Location: E120 KTC

Presentation addresses lean and green manufacturing practices in the wood industry. It features latest innovations in engineered wood materials, hardware, and processes; and educational activities.

A Recipe for Homegrown Welders

Presenter: Phil McNew, PSU
Time: Thursday, 9:30 – 10:20 a.m.
Location: S125 KTC

The presentation will outline the procedure in determining how a company could set-up their welder training program. Specifically, the presentation will discuss Instructor qualifications, curriculum, facilities and outcomes. The Bureau of Labor Statistics reports over 150,000 welders will be needed to replenish the labor market, in the coming years, as the average age of the welder moves beyond its current 54 years of age.

Trends in Diesel Fuel and Lube Technology

Presenter: Barry Mandelbaum, Conoco-Phillips
Time: Thursday, 9:30 – 10:20 a.m.
Chair: Bob Frisbee
Location: N115

New technologies in fuels (gasoline & diesel), sulfur-free fuels; changes in oil and lube technologies and synthetic oils.

Thursday, November 12, 2009

Sessions starting at 10:30 am

Solar BikeRayce USA

Presenters: Dan Eberle, Crowder College
Time: Thursday, 10:30 - 11:20 a.m.
Location: W104 KTC

Solar BikeRayce USA is an annual, international closed-course "rayce" held in Topeka, Kansas. Teams compete with vehicles that are powered either partially or entirely by solar power. These pedaled and non-pedaled, solar-assisted vehicles are referred to as "Solar Bikes". The objectives of the event are to stimulate interest in science and technology and to raise awareness of alternative energy sources.

Green Technology & Design

Presenters: Kevin Newby, Crowder College
Time: Thursday, 10:30 - 11:20 a.m.
Chair: Rebeca Book
Location: S103 KTC

This presentation will look at strategies for changing a drafting program into a "green technology and design" program with the introduction of solar energy, wind technology, bio-fuels and green construction techniques.

Windfarms and Energy Efficiency

Presenters: Sherry McCormack, The Empire District Electric Co.
Time: Thursday, 10:30 - 11:20 a.m.
Location: S111 KTC

This session will focus on the "wind farms" in central Kansas and how they are used to supplement the energy needs of The Empire District Electric Co. customers in southwest Missouri, southeast Kansas, northeast Oklahoma, and northwest Arkansas. Additionally, the session will discuss energy efficiency ideas and concepts you can use in the classroom.

Using Pre and Post-Test Measures to Assess Student Learning

Presenters: Brian Sandford, Julie Dainty, and Greg Belcher, PSU
Time: Thursday, 10:30 - 11:20 a.m.
Location: S109 KTC

Practical applications of how to use pre and post-test measurements to measure the attitude and competency towards student assessment of students for demonstration of learning gain.

Green Jobs & Regional Economic Development

Presenters: Jasen Jones, Workforce Development of Southwest Missouri
Time: Thursday, 10:30 - 11:20 a.m.
Location: S207 KTC

Development in the Four-States examines the trends and impact of green jobs at play in regional economic development strategies. The session introduces regional assets that are driving green development and provides deeper understanding of green jobs classifications and growth projections for each category. Attendees will discover actionable strategies and ways to get involved in the regional green development effort.

Composite Curriculum for High Schools and Community Colleges

Presenters: Buford Pringle, Butler Community College
Time: Thursday, 10:30 - 11:20 a.m.
Location: W118 KTC

Mr. Pringle, CO PI, will explain how high school and community college instructors can adapt material into existing curriculum using the free domain material from NSF Grant 00025609.

Digital Photography

Presenters: Dr. Robert Wiseman, Eastern Illinois University
Time: Thursday, 10:30 - 11:20 a.m.
Chair: Bob Ferro
Location: E203 KTC

Digital exposure consists of four elements that must be balanced to create correctly exposed images. This session will explore these four elements and how they relate to each other.

Optimizing the Metal Casting Process via Simulation

Presenter: Jacob Lehman, PSU
Time: Thursday, 10:30 – 11:20 a.m.
Location: S125 KTC

Program focuses on simulating the metal casting process to drive design and manufacturing. Magmasoft simulation software will be demonstrated to show how part design and process parameters can be adjusted to optimize the metal casting process. Emphasis will be on improving casting quality and minimizing scrap rate, all prior to production.

Green Building Materials

Presenter: Joe Butcher, Four States Supply
Time: Thursday, 10:30 – 12:20 a.m.
Chair: Shannon Nicklaus
Location: W110 KTC

Green building materials for residential and commercial applications to increase clean air and energy efficiency, and increase in attic ventilation and mold and mildew prevention.

Sessions starting at 11:30 am

New Ideas for Energy Conservation-MARET

Presenters: Joel Lamson, Crowder College
Time: Thursday, 11:30 - 12:20 p.m.
Location: W102 KTC

Following decades of success in solar energy projects, the Missouri Legislature designated Crowder College in 1992 as the State's renewable energy education center. The resulting Missouri Alternative and Renewable Energy Technology (MARET) Center is recognized internationally for its contributions to the energy field. The mission of the MARET Center is to expand renewable energy throughout the region with education, applied research, and economic development. Educational programs include certification and transfer degrees encompassing green construction, solar thermal energy, solar electricity, wind, and bio fuels. The MARET Center also assists in new product development and other business support services in renewable energy. Topic will focus on energy conservation with common sense ideas on how to lower utility bills.

BioFuel Technology

Presenters: Rebekah Starkweather, Crowder College
Time: Thursday, 11:30 - 12:20 p.m.
Chair: Dennis Audo
Location: S111 KTC

This presentation will give an overview of biofuels and how they are produced. Topics and activities that can be used in the classroom will be shared. Rebekah will show you how to coordinate your lessons with the biology and chemistry classes in your school as they study biofuels. There will be a question and answer session at the end of the presentation.

Technology Tips, Tricks, and Timesavers for Going Green

Presenter: Kylie Westervelt, PSU
Time: Thursday, 11:30 – 12:20 p.m.
Chair: Rebeca Book
Location: S106 KTC

With the push for a paperless environment, it is important to utilize “green” technology practices in today's classrooms. In this session, technology tips, tricks, and timesavers will be showcased to create a more efficient and green classroom environment.

Conservation of Solid Lumber Harvesting and Lumber Grading

Presenter: F. Preston Mitchell, Ozark Lumber-Eureka Springs, AR
Time: Thursday, 11:30 – 12:30 p.m.
Chair: Doug Hague
Location: E120

Ozark Lumber is a family-owned company located in the Ozark Mountains of NW Arkansas practicing environmental-friendly, sustainable harvesting of hardwoods and softwoods to produce all-natural, chemical-free lumber and wooden products. Actual product will be available for view.

Computer Modeling Strategy Learning Activities

Presenter: Paul Herring, PSU
Time: Thursday, 11:30 – 12:20 p.m.
Chair: Rebeca Book
Location: W118 KTC

Traditionally, students complete step-by-step tutorial exercises when learning how to use CAD solid modeling software systems such as ProEngineer or SolidWorks. Often they experience difficulty when embarking on model creation on their own. This presentation covers a new class learning activity designed to help students develop skills in analyzing 3D shapes and developing their own strategies for creating models.

SkillsUSA & 2010 Auto Service Competitions

Presenter: Ann Wick and Ron Downing
Time: Thursday, 11:30 – 12:20 p.m.
Chair: Ron Downing
Location: N115 KTC

Items to be discussed include 2009 station review, scores of 2009 state contest; also information about national SkillsUSA Auto Service competition and Ford-AAA competition.

Web Design

Presenter: Jon Harding, Web Edge Media
Time: Thursday, 11:30 – 12:20 p.m.
Chair: Christel Bensen
Location: E210 KTC

An overview of the web design industry; various forms of websites from brochures to e-commerce. Discussion of the growing need of business' online with a digital strategy and trends in social networking and its' affect on current marketing efforts.

Sessions starting at 1:30 pm

The Fixture Factory Part I (limited to 24) (2 hours total)

Presenter: Mike Neden and Josh Furnish, PSU
Time: Thursday, 1:30 – 2:20 p.m.
Location: Hallway by W102

Technology Education majors currently enrolled in the Manufacturing Enterprise class design and developed a product that was assembled in the morning Manufacturing Demo Session by 9th Grade Technology Education students from the Pittsburg High School. Customized jigs, fixtures, and tooling was created by these students in order to produce the finished product. A second set of jigs and fixtures was designed and developed to allow 24 "lucky" Four States Regional Conference attendees to participate in a special session that will allow them to replicate a complete set of fixtures to use in their classroom to build the original product with their own students. Best of all, this session is "FREE" and participants will leave the Conference with a great classroom tool. This session fills quickly and is limited to the first 24 to sign up.

Green Homes for the Future

Presenter: Shannon Nicklaus and Justin Honey, PSU
Time: Thursday, 1:30 – 2:20 p.m.
Chair: Shannon Nicklaus
Location: S103 KTC

This session will showcase the materials and methods used in increasing energy efficiency in residential construction. A variety of "green" technologies will be featured and participants will receive classroom materials about incorporating these new technologies into their classrooms.

Empire District Electric Web Resources for Education and Entertainment

Presenter: Terry Oliver, The Empire District Electric Co.
Time: Thursday, 1:30 – 2:20 p.m.
Location: S111 KTC

The Empire District Electric Company web-site uses a program by Apogee of Atlanta, Ga. Among other functions, this program provides Appliance calculators, an extensive Library, Basic Electricity and Energy Efficiency for residential and commercial applications. After an overview of the program, we will focus on applications that can be used in the classroom for basic electricity, electrical safety, and entertainment.

Going Green with Web Conferencing

Presenter: Kenny Rigler, FHSU
Time: Thursday, 1:30 – 2:20 p.m.
Chair: Rebeca Book
Location: S109 KTC

This interactive presentation will demonstrate various commercial and free web conferencing tools that can reduce travel expenses, but increase communication for both industry and education.

Success in Professional Development: Interviewing and Much More

Presenter: Peggy Snyder and John Iley, Pittsburg State University
Time: Thursday, 1:30 – 2:20 p.m.
Location: S207 KTC

Resumes get you the interview. The interview gets you the job. Presentation looks at all aspects of interviewing including: preparation, interview strategies, questions, dress, body language, etiquette, and much more. PowerPoint, text and internet resources to aid in preparation of job candidates will be shared.

Using the Carvewright in the Classroom

Presenters: Robert Taverner, USD 309-Nickerson, KS
Time: Thursday, 1:30 -2:20 p.m.
Chair: Doug Hague
Location: E120/W141

The carvewright is an inexpensive CAD / Cam machine used to make wood engravings with a three axis router. Examples and a demonstration with the machine will be provided. Also handy tips on repair and special set ups. Can also carve on some plastics.

Toyota Prius Hybrid Technology

Presenter: Dan Scarborough & Kevin Tucker, Toyota Training Center
Time: Thursday, 1:30 – 4:20 p.m.
Chair: Scott Norman
Location: E101/N114

Hybrid technology of the new 2010 Prius. Battery technology and service procedures, changes in air conditioning and other electronic systems. Hands-on lab activities planned.

Variable Data Printing

Presenter: Ryan Schwarz CGX, Inc.
Time: Thursday, 1:30 – 2:20 p.m.
Chair: Linda Grilz
Location: S104

Variable Data Printing, the next step in the evolution of printing, has been gaining market share in the last 10 years. This presentation will demonstrate a special website for attendees to register, which plays directly into the presentation. You won't want to miss this demonstration of this powerful technology.

Sessions starting at 2:30 pm

Engineering by Design

Presenter: ITEA Staff
Time: Thursday, 2:30 – 3:20 p.m.
Location: S111 KTC

The standards-based curriculum designed by the International Technology Education Association will be shared in this interest session. Participants will be able to review

curriculum materials and ask questions about all levels of the Engineering by Design curriculum.

The Fixture Factory Part II (limited to 24) (2 hours total)

Presenter: Mike Neden and Josh Furnish, PSU

Time: Thursday, 2:30 – 3:20 p.m.

Location: Hallway by W102

The Fixture Factory continues.

Car Crash Technology

Presenter: Tom Zerr, PCMS

Time: Thursday, 2:30 – 3:20 p.m.

Location: S103 KTC

This session will highlight a software package that allows students to simulate automobile crash technology that will help them understand how automobiles are designed to withstand various crash situations. Tom will share how this software has stimulated interest in his classroom and how it addresses design and problem solving concepts.

Going Paperless and Green with Wikis

Presenter: Erin Misegadis, USD 259-Wichita

Time: Thursday, 2:30 – 3:20 p.m.

Chair: Rebeca Book

Location: S109 KTC

There are a variety of ways to increase engagement and collaboration in your classroom while also increasing personal productivity using a wiki. This session focuses on utilizing Wikispaces as a teacher or as professional in an educational setting.

Benefits Administration: A Challenging Occupation

Presenter: Heather Webb, WATCO Companies

Time: Thursday, 2:30 – 3:20 p.m.

Location: S207 KTC

Benefits are an important recruitment and retention tool, but with present economic conditions, many organizations are reducing benefits. These changes and the challenges of working as a Benefits Administrator will be discussed.

Introduction to Woodworking Building Standards

Presenter: Doug Hague and J. Clous Backs, PSU

Time: Thursday, 2:30 – 3:20 p.m.

Chair: Nathan Schrock

Location: E120 KTC

An introduction of AWI specification book, providing awareness and information to high school woodworking instructors. This book lists the woodworking industry standards for drawings, joinery, fabrication, installation and much more. Come find how to better prepare your students with this valuable tool.

Preparing Students for the New Industrial Revolution

Presenter: John Crider, HAAS Manufacturing

Time: Thursday, 2:30 – 3:20 p.m.

Location: S125 KTC

To revive manufacturing in America, we need a work force that is available and prepared to operated CNC machines and design the parts that will be needed in areas such as green manufacturing. The key is our young people and how we prepare them for the future. All the projections are now pointing to a serious shortage of skilled and educated engineers and technicians in this critical area. This is being addressed aggressively by

many schools around the country and in Europe and is not yet well understood in the USA by the public or the government.

Residential Energy Auditing

Presenter: Tom Taylor, Taylor Energy Consulting
Time: Thursday, 2:30 – 3:20 p.m.
Chair: Shannon Nicklaus
Location: W110 KTC

Increase the energy rating of your structure through the use of energy audits. Learn where you may be wasting energy and techniques used to find out where.

Digital Production Processes

Presenter: Joseph Staszak, IDEAlliance Latin
Time: Thursday, 2:30 – 3:20 p.m.
Chair: Jesus Rodriguez
Location: E104

A brief review of the 1 million + press sheets analyzed during the multi-year work of IDEAlliance committees. Recommendations offered by GRACoL and SWOP to complement existing ISO Standards: The path leads to better color in everyone's future with a possible "Universal Calibration Approach for Worldwide Color Control"

Sessions starting at 3:30 pm

Foundations in Technology and Center of Applied Learning – Setting the Stage for Career Clusters

Presenter: Larry Dunekack, PHS
Time: Thursday, 3:30 – 4:30 p.m.
Location: W102 KTC

Session will feature the *Foundations of Technology* course that serves as a gateway class for Career Clusters programs. The program will also showcase the "Center of Applied Learning" at Pittsburg High School based on Kansas and National Standards for Technology Education. This unique facility features innovative designs, integrated curriculum structures and creative classroom environments that reveal the wonderful educational possibilities that are available in a "Center of Applied Learning." Check it out.

Lock Miter Jig & Joinery Techniques, Part I (Initial Session)

Presenter: Leslie Neff, Grove, Oklahoma
Time: Thursday, 3:30 – 4:50 p.m.
Chair: J. Clous Backs
Location: E120/E141 KTC

This presentation will feature the lock miter jig, which eliminates a lot of trial and error set up of lock miters. [Note: This presentation back by popular demand. An advanced session that builds on this session will be shared Friday, 8:00 A.M.] **Products and jigs will be available for purchase.**

Relating CAD/CAM and FEA to Industry

Presenter: Curtis Antle/Jacob Lehman, PSU
Time: Thursday, 3:30 – 4:30 p.m.
Location: W202/W120/S121 KTC

This presentation explores the thought process and actions that lead to connecting design, analysis, manufacture and test activities for products. Open discussion with attendees will be encouraged.

Your Role in the Green Environment/NCCER Curriculum

Presenter: Clay Kubicek, Crossland Construction

Time: Thursday, 3:30 – 4:30 p.m.
Chair: Jim Otter
Location: W110 KTC

NCCER curriculum focused on the green environment, geared toward anyone wanting to learn about green building. Session includes instruction in green environment green construction practices and green building rating systems.

Journalism Using InDesign

Presenter: Anita White, Pittsburg High School
Time: Thursday, 3:30 – 4:30 p.m.
Chair: Linda Grilz
Location: S104 KTC

Today's journalist must be proficient at creating layouts, enhancing images and creating graphics. Being adept in the use of Adobe InDesign and Photoshop software will be the focus of this presentation.

Thursday Evening Sessions

KTEA Meeting & Dinner & Pittsburg High School's "Center of Applied Learning" Tour

Presenters: Larry Dunekack, PHS
Time: Thursday, 5:00 – 6:30 p.m.
Location: PHS TE Lab

This year's meeting will feature a tour of the new "Center of Applied Learning" facility at Pittsburg High School. President Larry Dunekack will share his vision for KTEA and will share some of the events planned for the coming year. Dinner will be provided, courtesy of PITSCO, Inc. Plan on taking an active role in our state association and get involved.

Friday, November 13, 2009 Sessions starting at 8:00 am

The "Wonders of Energy" Expo

Presenters: PSU Students
Time: Friday, 8:00 – 8:50 a.m.
Location: S103 KTC

This session will present a look at the "hands-on" technology exposition developed by PSU Technology Education majors and delivered to all 5th grade students in the district. PSU Technology Education majors designed and built six interactive presentation panels that introduced area students to a variety of energy systems including, solar energy, bio-mass technology, wind and water energy, nuclear energy and geothermal energy. Over 200 students participated in this exciting event. Participants will receive a variety of project ideas and plans for use in their own classroom.

Future Power for Automobiles

Presenters: Roger Adams, PSU
Time: Friday, 8:00 – 8:50 a.m.
Location: W102 KTC

Dr. Adams will highlight some of the new "technologies" that are being developed in the Automobile industry. He will share the "truth" about various proposed high mileage claims that are out there today and will share some the new and emerging technologies that will most likely propel the cars of the future.

High School Counselor's Perceptions Toward Career and Technical Education

Presenters: Dr. Byron Johns, Brian Sandford and Greg Belcher, PSU

Time: Friday, 8:00 – 8:50 a.m.
Chair: Julie Dainty
Location: S109 KTC

Results will be shared of a statewide study that was conducted in Kansas to determine high school counselor's perceptions toward career and technical education.

HRD Research Colloquium: Recent Studies, Section 1

Presenters: HRD Students
Time: Friday, 8:00 – 8:50 a.m.
Location: S207 KTC

Presentations by students and practitioners on HR research studies recently completed, highlighting the findings and practical applications followed by panel and audience discussion.

Recycling in the Classroom

Presenters: Chuck Delp, Director, Southeast Kansas Recycling Center
Time: Friday, 8:00 – 8:50 a.m.
Location: W118 KTC

Presentation describes the evolution of recycling efforts in Southeast Kansas—from conventional metal and paper to electronics recycling. Classroom ideas and activities to share with students to help further recycling efforts will be presented.

Lock Miter Jig & Joinery Techniques, Part II (Advanced Session)

Presenter: Leslie Neff, Grove, Oklahoma
Time: Friday, 8:00 – 9:30 a.m.
Chair: J. Clous Backs
Location: E120/E141 KTC

This presentation builds on Thursday's and last year's initial session and provides a more in-depth look at jigs and fixtures for wood joinery, etc. If you were not able to attend a previous session, you will still gain valuable information from this session. **Products and jigs will be available for purchase.**

Hybrid Technology: Ford Fusion & Ford Escape

Presenter: Craig Harrison, Ford Training Center
Time: Friday, 8:00 – 11:30 a.m.
Chair: Trent Lindbloom
Location: E101/N114 KTC

Hybrid technology of the new Ford Fusion. Design, safety and service procedures. Hands-on lab activities planned.

3-D Graphics in PhotoShop CS4

Presenter: Jason Ward, PSU
Time: Friday, 8:00 – 8:50 a.m.
Chair: David Oldham
Location: E222 KTC

This presentation will demonstrate how to import 3D models, edit materials, manipulate lighting and apply cameras using CS4.

Sessions starting at 9:00 am

Technology Education Roundtable

Presenters: Michael Neden, PSU
Time: Friday, 9:00 – 9:50 a.m.
Location: W102 KTC

Mr. Michael Neden will host a roundtable discussion about the state of our profession at this point in time. Mr. Neden will share some of the initiatives that are happening in Kansas, as well as at the national level. This session will be presented in two parts. The first part of the session will introduce the premise for this effort and presenters will share the state of our profession at this time. The second part of this session will allow conference participants to provide input and share ideas. All attendees that have an interest in the future of our profession should attend this session and provide this valuable information.

Pitsco Goes Green

Presenter: Bill Holden, PITSCO

Time: Friday, 9:00 – 9:50 a.m.

Location: S103 KTC

Bill and associates will showcase some of the new and exciting “green” projects and activities that they offer. These are the types of projects that will help you, as a classroom teacher, introduce “green technology” to your students in a fun and interesting way. Come check them out.

Career Pathways Seamless Articulation: High School to Community College (AAS) to University (BAS)

Presenters: Bill Brown, JCCC; and Tim Dell, PSU

Time: Friday, 9:00 – 9:50 a.m.

Location: S109 KTC

Articulation agreements are essential for ‘Perkins’ funding as well as providing a career path for students. Panel of presenters will share about challenges and successful articulation models from high school, community college, and university perspectives. Templates of successful articulation agreements and requirement for success will be shared.

HRD Research Colloquium: Recent Studies, Section 2

Presenter: HRD Students

Time: Friday, 9:00 – 9:50 a.m.

Location: S207 KTC

Presentations by students and practitioners on HR research studies recently completed, highlighting the findings and practical applications followed by panel and audience discussion.

Gaining Industry Support Through Involvement (IGAEA)

Presenter: Michael Williams, College of the Ozarks

Time: Friday, 9:00 – 9:50 a.m.

Chair: Jesus Rodriguez

Location: E107 KTC

This presentation will deal with the channels by which industry is beginning to choose how to support printing and graphic education programs.

CAD in Industry: What Tools are Being Used

Presenter: Greg Murray, PSU

Time: Friday, 9:00 – 9:50 a.m.

Chair: Dennis Audo

Location: S106 KTC

This presentation explores the questions...What CAD software is being used in industry? Some of the tools and subjects at PSU will be presented. Open discussion with attendees is encouraged.

Smart Home Technology: Saving "Green" and the Environment

Presenter: Jeff Brooks, PSU
Time: Friday, 9:00 – 9:50 a.m.
Chair: Jeff Brooks
Location: E225 KTC

Wiring in today's modern homes is no longer just Romex and receptacles. In today's new homes electrical contractor's routinely install "smart" devices that allow homeowners to conserve electrical energy while putting green back into their pockets at the end of each month.

Sessions starting at 10:00 am

Tool Time

Presenters: Colin Sutter as *Tim "The Tool Man" Taylor*
Keith Aikin as *Al Borland*
Hannah Burdette as *Heidi*
Host: Michael Neden
Time: Friday, 10:00 – 11:30 a.m.
Location: S102 KTC

Does Everybody Know What Time It Is? It's "Tool Time" of course.

This fun-filled Focus Session will feature a variety of new "tools, equipment, and projects" that can be used in the Technology Education classroom and laboratory. Your "professional" hosts will introduce various tool and supply vendors and presenters in a quick hitting format that will keep you going for the entire session.

This is one of the most popular sessions at the Four States Regional Technology Conference and is limited to the first 100 attendees to sign up. You must have a "Tool Time" Ticket to win some of the many "freebies" that will be passed out during the session, so you won't want to miss this exciting presentation.

Participating corporate sponsors include:

- The Home Depot
- Lowe's Home Improvement
- PITSCO, Inc.
- The Danaher Group
- DEPCO, Inc.
- Snap-on Tools

HRD Research Colloquium: Projects in Progress

Presenter: HRD Students
Time: Friday, 10:00 – 11:30 a.m.
Location: S207 KTC

Presentations by students and practitioners on HR research projects currently underway or being planned for Spring 2010, highlighting the research problem, hypothesis and/or research questions, and study's methodology.