Thank you for attending the 72nd Technology Fall Conference, *Building for Tomorrow*. The theme represents our efforts as educators to evolve and improve our programs and prepare our students for the future.

Building for Tomorrow is especially meaningful for the Department of Technology at SUNY Oswego. We are working diligently to renew our degree programs in order to better prepare technology teachers and managers for tomorrow. The School of Education renovation project is well underway. Park Hall has been emptied, and the architects are finalizing plans for our new facilities. Foundations are being constructed for the Wilber Hall addition that will house our new woods and manufacturing laboratories. We are continuing to function in our temporary facilities, and we are looking ahead to working in our new labs and classrooms.

With the renovation project underway, the department has worked diligently to produce another quality conference program. This year we are introducing the *Technology Innovation Showcase* on Friday morning to share new and innovative ideas. Thank you to all of the students, presenters, innovators, vendors, and educators who have contributed to another exceptional conference program.

The department welcomes Mr. Edward Zak as a Visiting Assistant Professor for the 2011-2012 academic year. Mr. Zak is sharing his years of experience as a technology educator and leader with our students and is teaching electronics and introductory education courses.

In an environment when education and industry face cutbacks and changes, there is still a need for technology teachers and managers. Our graduates are still being highly sought after in New York State and in the nation. Encourage your students to visit SUNY Oswego and consider a degree program in Technology Education or Technology Management.

Enjoy the 72nd Technology Fall Conference. Mark your calendar for the 73rd Technology Fall Conference on October 25 & 26, 2012. Next year's conference theme will be *Technology Education for All: K-16*.

Mark W. Hardy, Chairperson

Department of Technology

GENERAL INFORMATION

COMMERCIAL EXHIBITS
Sheldon Hall, 2nd Floor Ballroom
Thursday, 9:00 a.m. – 4:45 p.m.
Friday, 9:00 a.m. – 12:15 p.m.
Exhibits will be open during lunch time.

SHIP'S PROGRAM*
Sheldon Hall
Thursday, noon – 12:15 p.m.
Friday, noon – 12:15 p.m.
*You must be present to win a prize.

CONFERENCE RECEPTION*
Elk's Lodge, West Fifth and Bridge Streets (Route 104)
Thursday, 5:00 p.m. – 6:30 p.m.
*Name badges are provided for all paid registrants.
Please wear your name badge.
To attend the reception, you must be 21 or older.

HOSPITALITY ROOM
Sheldon Hall, 2nd Floor Ballroom
Thursday, 7:30 a.m. – 11:00 a.m.
Friday, 7:30 a.m. – 11:00 a.m.

Persons with disabilities needing accommodations to attend the conference should contact Teri Davis in the main department office at 315.312.3011

FALL CONFERENCE STAFF

Conference Co-Chairs
Mark Springston and Mark Hardy

Conference Program & Web Site
Daniel V. Tryon

Budget and Finance
Teri Davis

Commercial Exhibits
Michael Nehring

Conference Printing
College Publications Office

Graphics and Signs
John Belt

Shuttle Services
Thomas Kubicki

Conference Reception
Michael Nehring

Publicity & Program Editor
Judith Belt

Registration
Richard Bush
Donna Matteson

Presenter Services
Mark Hardy

THANKS TO OUR CANDIDATES!

Many of the conference activities and services are possible only because of the efforts of many students, especially the officers and members of the Oswego Technology Education Association. Their assistance and support of the conference and the department are sincerely appreciated.

THURSDAY ITINERARY

October 27, 2011

COMMERCIAL EXHIBITS
9:00 a.m. – 4:45 p.m.
Sheldon Hall, 2nd Floor Ballroom

SHIP'S PROGRAM
noon – 12:15 p.m.
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Exhibits will be open during the lunch break. Please take time to support the commercial exhibitors.

LUNCH ON YOUR OWN
noon – 1:15 p.m.
The Campus Center offers a variety of lunch options.
The Campus Center is west of Wilber Hall.
See map — page 9

HOSPITALITY ROOM
7:30 a.m. – 11:00 a.m.
Sheldon Hall, 2nd Floor Ballroom
Enjoy the coffee and doughnuts.

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SESSION 1 **Thu. 9:00 to 10:00 a.m.**

Building Citizens with Vertical Agriculture **George Irwin**
Repeated in Session 2—Thu. 10:45-11:45 a.m. **163 Wilber Hall**
MEWU (Mobile Edible Wall Unit) is designed to teach life skills, cross over, and STEM philosophy. A three year study has shown an attendance increase from 43% to 93%, a 100% pass rate on NYS regents tests, and 100% graduation rates through the teaching of vertical agriculture. Featured in TIME and on NBC and CNN, this is a remarkable tool to transform lives and stimulate opportunity.

Mobility in Higher Education **Rick Bettencourt, Matt Roe**
Repeated in Session 3—Thu. 1:30-2:30 p.m. **117 Wilber Hall**
Many have said that technology is changing the educational landscape. While this may be true, mobile devices have done more than shift the educational terrain — it's blown up the bedrock. Mobile pedagogy represents a fundamental shift in content access and the role of the traditional classroom. Today's presentation isn't about trendy technology fads or the latest gadgets; it is about facing the challenges and maximizing the possibilities of a connected world.

Teaching STEM **Donna Matteson, Star Matteson**
through Building Design **253 Wilber Hall**
What is more exciting for students than to take on a role of architect or engineer and design a building? One of the most important features of successful building design is space planning. This hands-on STEM presentation will present practical and fun ways to teach simple formulas. You will calculate staircase layouts, commercial corridor and stairway width for safe exit, and create a room adjacency matrix and traffic pattern. Handouts, worksheets, and other instructional supplements for space planning will be provided.

Build and Program **Steve Hughes, Teresa Hughes**
a LEGO™ NXT Robot **160 Wilber Hall**
Repeated in Session 7—Fri. 1:30-2:30 p.m.
This hands-on workshop will involve building and programming a STEM robot. Bring your laptop, and we will load the MINDSTORM™ software onto your computer. You will need a laptop to control the robot, and you can keep the software copy. ***This is an extended session,*** limited to 24 participants.

Information about the Fall Conference
can be found at www.fallconference.com

Integrating STEM into the Mousetrap Vehicle
Chuck Goodwin, Frank Roma
Building 20

Our presentation on the mousetrap vehicle will help you to expand your students' experiences and horizons through the integration of science, technology, engineering and math (STEM). A CD of our PowerPoint will be distributed for your use.

Intro to Engineering Science: A Dual Enrollment Course
Donald Schaefer
B5 Wilber Hall

Repeated in Session 7—Fri. 1:30-2:30 p.m.

Introduction to Engineering Science, an honors course, was developed in, conjunction with SUNY Stony Brook to introduce students to the field of engineering. The program gives the students a sampling of what is to be expected of them entering college as an engineering student while earning three college credits from Stony Brook University.

Adventures in Educational Scrounging, Teaching Cheaply and Sustainably
Edward Levine, Michael Petrone Jr.
352 Wilber Hall

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An economical approach to teaching by two graduate students developed during their student teaching placements in the spring of 2011. These student teachers sought to maximize instruction time and to use minimal resources and minimal funds. This presentation will cover various projects for middle and high school students using a variety of re-purposed materials and freeware.

Thanks to all who have helped with our technology endowment!

Our goal to raise $1 million is slowly moving forward, but we aren't there yet. Brochures describing the endowment can be found in your conference packet. Thank you for ensuring that the department will be here to serve the next generation of technology candidates. Contact Rich Bush to learn more about the Technology Endowment.

SESSION 2 **Thu. 10:45 to 11:45 a.m.**

Learning Styles - It Still Works! **Chuck Knier**
B6 Wilber Hall

If you can identify the learning preferences of your students, you should be able to better connect with them. Better connections improve and ensure better learning. See if you can identify with any of the preferences noted in this presentation.

Spatial Thinking with GPS, Maps, and Your School District **Robert Jones**
352 Wilber Hall

Geographic Information Systems™ are activities that enable students to develop spatial thinking, computer skills, teamwork, problem solving, and design skills related to real-world applications. This presentation will demonstrate how to create a take-home map project. This activity lets students use their school grounds as a canvas to create and plan a drawing of their choice. This session will include overview of handheld GPS units, Google Earth™, ArcGIS Explorer™ online, and free downloadable software application entitled DNR Garmin™.

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What are we? A Survey of Technology Education in New York State **Clark Greene**
117 Wilber Hall

Repeated in Session 6—Fri. 10:45-11:45 a.m.

It's often said that technology education deals with the real world. In this presentation, the tables are turned inward. This report is based on a recent Masters Project at Buffalo State College that included a statewide survey of technology teachers. Twenty important questions were asked to determine some of the realities of technology education in New York State schools. This presentation will share the findings from over 500 teacher respondents.

A Career in Media and Graphics Education — **William Mulvey**, **B5 Wilber Hall**

This presentation is designed for undergraduates considering a career in teaching 9-12 media/graphics courses — a career choice that the presenter recommends highly! Feel free to drop by and join the conversation.

Desktop 3D Printing for CAD/Design, Pre-Engineering — **Mark Leonard**, **253 Wilber Hall**

Join us to learn about the 3D printing "explosion" in technical classrooms nationwide and see the hottest new desk top 3D printers in operation, including the STEM-defined RapManUSA™ 3D printer kit and the capable BFB3000 multi-head printer. We will look at the history and evolution of open-source, personal 3D fabrication and potential applications in the modern technology classroom. Learn how your lab can affordably add a 3D printer with the possibilities for the integration of mathematics, engineering skills, mechatronics, design, and manufacturing. We will also review the newly developed Engineering by Design standards-based curriculum module for rapid manufacturing that focuses on the RapManUSA™ 3D printer kit.

Focus on Solar — **Raymond Pitcher, Jamie Crouse**, **Building 20**

Looking for an innovative way to teach your middle school students about the sun and solar energy? This hands-on workshop will provide you with interactive lessons and activities designed to teach students about the role solar energy plays in providing power for our homes, schools, and workplaces.

Technology Education Master's Degree 100% On-Line — **Glenn Hider**, **357 Wilber Hall**

Repeated in Session 6—Fri. 10:45-11:45 a.m.

Earn your master's degree while teaching. Our 100% online program provides flexibility, enhancing your teaching and program. Five term program provides professional experiences in: program development, grants, STEM, sustainability, special populations, creativity, assessment, research, and more. Competitive tuition.

Lunch on Your Own. The Campus Center — west of Wilber Hall — offers a variety of lunch options. See map on page 9.

CAMPUS CENTER LUNCH VENUES

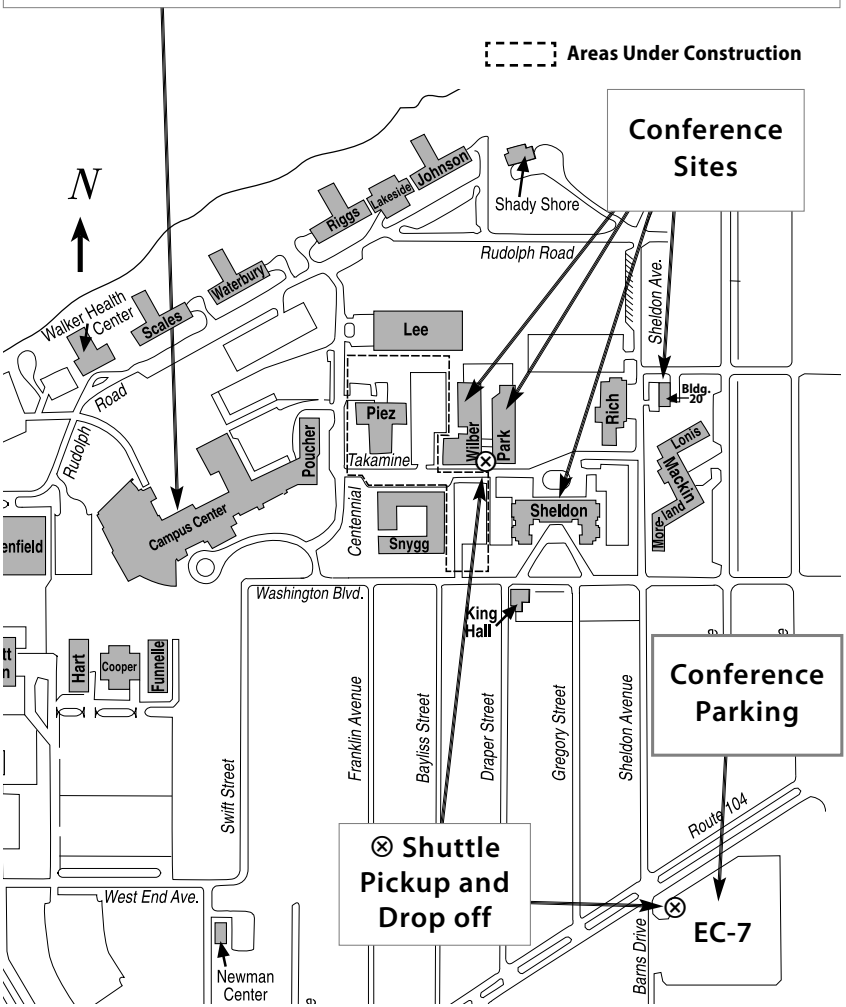
Palates: Traditional to international flavors. *Lower Level, Food/Activity Court area*

Crossroads: Café & Grill. *Main Level across from Welcome/Information Center*

Cutting Board: Sandwiches, pizza, soups & salads. *Lower Level, Food/Activity Court area*

Laker Express: Quick to eat entrees, side dishes & pastries. *Lower Level, Food/Activity Court area*

Freshens Smoothies: Smoothies & coffee. *Second Floor, Compass area*



SESSION 3 Thu. 1:30 to 2:30 p.m.

Sustainable Living **Raymond Pitcher, Jamie Crouse**
Repeated in Session 6—Fri. 10:45-11:45 a.m. **Building 20**
Learn how to measure your energy use and make informed, energy-wise decisions. Engage in hands-on activities and receive a teaching tool kit you can use with your class to explore sustainability practices in energy, water, transportation, food, and the consumption of goods. Following the workshop, you and your class can qualify for incentives and prizes based on your implementation of sustainable actions.

Rod Serling Video Festival **Lawrence Kassan**
Repeated in Session 6—Fri. 10:45-11:45 a.m. **B5 Wilber Hall**
The Rod Serling Video Festival, a K-12 student video festival open to all students, started in 1995 to promote the creative use of video technology. Included in this presentation will be a screening of award-winning student videos, a discussion on the creative process, and festival information. Educators will learn how to team with the Rod Serling Video Festival to initiate a video program or complement existing video production/media arts classes. Whether it is a comedy, drama, or animated work, you will be inspired and amazed at the quality of work being performed by these young people.

LEGO™ Robotics - **Scott Stagnitta**
Projects That Enhance Learning **160 Wilber Hall**
Repeated in Session 6—Fri. 10:45-11:45 a.m.
With LEGO MINDSTORMS™, students will experience a fun, exciting, and practical application of math, science, and technology. Solving the robotic challenges involves mechanical engineering, computer programming, problem solving, cooperative learning, and communication skills. Benefits of LEGO MINDSTORMS™ in your middle school curriculum include encouraging students to go into robotics-related fields, encouraging girls to consider engineering as a career option, and increasing enrollment in pre-engineering high school courses. Key projects that will be presented are sumo wrestling robotics, maze-bot, and robotic bowling (featured on the TV show Bridge Street on Syracuse WSYR). LEGO™ Robotics will truly enhance your classroom and can make a huge impact with your students.

Technology Degree Options at SUNY Oswego **Richard Bush**
Repeated in Session 7—Fri. 1:30-2:30 p.m. **357 Wilber Hall**
Explore the two degree programs offered by the Department of Technology: Technology Education and Technology Management. Open to interested high school students, guidance counselors, and teachers.

Seven Great Middle School Activities **Alex Sheldon**
Repeated in Session 6—Fri. 10:45-11:45 a.m. **163 Wilber Hall**

Those who teach middle school technology know that student projects and activities need to satisfy many criteria. A good activity needs to be engaging, interdisciplinary, appropriate for all student abilities, inexpensive, and appropriate for your technology lab. Seven middle school activities will be presented that satisfy these criteria.

Low-cost Architectural CAD for Middle School and Higher **John Cheney, Dan Rawson**
352 Wilber Hall

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HOME DESIGNER™, a significantly lower-cost software by Chief Architect, is perfect for use as a starter or reduced-hour course and when funds are limited. The software is easy to teach and students quickly become self-sufficient. Current teachers among the attendees will be eligible in a drawing for a software package.

#1 Classroom Friendly Architecture, CAD, and Design Software: Envisioneer! **Jeff Hapgood**
253 Wilber Hall

Join us to learn more about classroom friendly Envisioneer™ design software from Cadsoft™! Featuring Building Information Modeling (BIM), award-winning Envisioneer™ is the easiest-to-use building design program with eye-popping modeling power priced for tight school budgets. No annual fees, always upgradeable, and we want you to try it in your classroom for FREE! Take the Envisioneer™ Challenge and test-drive up to 10 Seats of Envisioneer™ with no obligation. We know your students will LOVE it! Join our presentation and learn how to take the Challenge today. Plus, ALL ATTENDEES receive a FREE Instructor Seat of Envisioneer™.

Mobility in Higher Education **Rick Bettencourt, Matt Roe**
Repeat from Session 1—Thu. 9:00-10:00 a.m. **117 Wilber Hall**

Many have said that technology is changing the educational landscape. While this may be true, mobile devices have done more than shift the educational terrain—it's blown up the bedrock. Mobile pedagogy represents a fundamental shift in content access and the role of the traditional classroom. Today's presentation isn't about trendy technology fads or the latest gadgets; it is about facing the challenges and maximizing the possibilities of a connected world.

SESSION 4 **Thu. 3:30 to 4:30 p.m.**

Survival Master - Simulation and Modeling in Technology Education
Nick Cimorelli, Kevin Oswald, James Wandzilak
253 Wilber Hall

Developed by Hofstra University and collaborating teachers through the NSF-funded Simulation and Modeling in Technology Education (SMTE) Project, SURVIVAL MASTER provides the academic potential of a hybrid instructional model and a set of prototypical materials. It integrates 3D simulation, educational gaming, and real-world physical modeling into middle school technology education programs. This presentation will demonstrate the game, explain the pedagogical underpinnings, and provide an introductory experience for teachers who may like to include this game in their middle school technology education programs.

Technology Education in China - Comparison of Tech Ed in Two Nations
Steve Macho, Sue Wang
B5 Wilber Hall

In 2008, a mandate by the Chinese Ministry of Education required technology education be taught in all 552,000 K-12 public schools. Schools and teachers are quickly adapting to meet this mandate. This presentation is a synopsis of the first portion of a collaborative research project being conducted by the China National Institute of Educational Research (CNIER) and the State University of New York, College at Buffalo (Buffalo State). CNIER researcher and visiting Chinese professor Sue Wang will conduct teacher interviews and observe American technology and engineering education in the United States, October–December of 2011. Results of her research will be published in 2012.

Literacy across the Technology Education Curriculum
Judith Belt
B6 Wilber Hall

How important is reading and writing in the 21st century workplace? What role should technology educators play? We will look at activities that reinforce multiple disciplines through literacy including technology education, science, math, and engineering as well as social studies, art, and language arts.

Engineering by Design K-12 Curricula Coming to New York State
Chuck Goodwin
160 Wilber Hall

If you are looking for technology and engineering curricula that is up to date, connected to the standards, free, written by teachers in the field, providing online assessments, endorsed by ITEEA, NYSTEEA and the National Career and Technical Education Foundation, this presentation is for you.

Alfred State College High School Tech Teacher Hands-on Summer Camp
Repeated in Session 6—Fri. 10:45-11:45 a.m.

Jeff Stevens
Tom Murphy, Craig Clark
352 Wilber Hall

Learn about the Alfred State College Tech Teacher Camp designed to enhance teacher portfolios and skill sets to take renewable energy education and training into their own classrooms. Technology teachers came together from across the state to work on photovoltaic and wind systems as both installer and teacher. In this presentation, we will report on team build activities, share specifics about the live work projects, and provide some of the tools needed. Additionally, we will extend invitations to the 2012 Hands-on Summer Training. Learn how you can take part, receive scholarships to attend, and strengthen your teaching portfolio

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Research in Nanotechnology

Edward Zak
B2 Wilber Hall

This presentation will focus on the historical evolution of nanotechnology, common nanotechnology terminology and tools, some current and future applications of nanotechnology, and possible negative effects of nanotechnology. Time permitting, a description of a semester-long high school course will be discussed.

Laser Technology Gives Students Manufacturing and Entrepreneurship Opportunities

Mark Leonard
163 Wilber Hall

Join us to learn how you can use Laser Technology to give your students real-world, hands-on manufacturing experience — while offering entrepreneurship opportunities! You will be blown away by the amazing personalized items created as they learn to design and manufacture their own laser projects. STEM elements are naturally incorporated when teaching the science of CO^2 laser technology, the mechanical design and creation of "laserable" projects, and the implementation of manufacturing techniques. At the same time, they will learn the power of entrepreneurship and the countless opportunities to design, manufacture, and market products! The possibilities are endless.

Who will keep your program thriving when you retire?

Send students who are interested in providing a unique educational experience through technology education to an institution that prepares technology educators. In the SUNY system that would be SUNY Oswego and SUNY Buffalo.

FRIDAY ITINERARY

October 28, 2011

TECHNOLOGY INNOVATION SHOWCASE
8:00 a.m. – 10:00 a.m.
Sheldon Hall, Lower Lobby
Visit our newest addition to the conference
on your way to see the commercial vendors.

COMMERCIAL EXHIBITS
9:00 a.m. – 12:15 p.m.
Sheldon Hall, 2nd Floor Ballroom

SHIP'S PROGRAM
noon – 12:15 p.m.
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LUNCH ON YOUR OWN
noon – 1:15 p.m.
The Campus Center offers a variety of lunch options.
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HOSPITALITY ROOM
7:30 a.m. – 11:00 a.m.
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SESSION 5

Fri. 8:00 to 10:00 a.m. • Sheldon Hall, Lower Lobby

TECHNOLOGY INNOVATION SHOWCASE

Our newest addition to the conference, an exhibition of innovative practices in technology and/or technology education including:

- Poster displays
- Technological artifacts and inventions
- Technological activities
- Student projects and activities
- Design plans
- Multimedia displays

3D HD Video Production System	Mark Springston, Catherine Richard, Erik Hubbard, Brian McDonald
A Novel Use of Electrical Resistivity Sensing Equipment in Geology Research (Outside Display)	Dave Valentino, Julie Meleski, Hanna Valentino
Alternative Energy Lab Models (Outside Display)	Tom Kubicki and Students
BEST Robotics	Donald Schaefer
DDP Practical Design Problems and More	Kirk Mishrell
Department of Technology Program and Renovation Update	Mark Hardy, Dan Tryon
Developing Affordable Multi-Touch Displays for Use in Education	Mark Potter
Eelgrass Replacement Project - STEM at Southampton High School	Julia Best, Greg Metzger, Eric Pflug
FEMA Mitigation as a Technology Education Curriculum Resource	David Kulberg, Melva Guzzman-Cabrera, Kirk Lensgraf
FIRST Robotics at Liverpool High School	Casey Ostrander, Eric Hubbard, Karin Dykeman, and Students

session 5 **Fri. 8:00 to 10:00 a.m. continued**

Hacking a Kinect to Measure Skeletal Positions and Emotion	Randy Belcher, Roger Taylor
Innovative Building Materials Suggested for the Stevedore Project	Donna Matteson, Lee Flader, and TEL 401 Students
NAO Robots	Dan Young
Oswego Tech. Ed. Association: Future Leaders in the Field	Stephanie Bischoping, Alex Parsons, Chris Botto, Donald Esposito-Kelley
Rod Serling Video Festival	Lawrence Kassan
Team MINI: Building a Better Stronger, Lighter Robotic Machine	Ray Holt, Phil Caputo, Mike Malfa, Erica Querns
Utilizing a Pressure Sensitive Chair to Measure Posture & Emotion	Dan Ivancic, Roger Taylor
Youth Technology Day at SUNY Oswego	Mark Springston, Michael Nehring, Edward Levine, Michael Petrone Jr.

SESSION 6 **Fri. 10:45 to 11:45 a.m.**

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Sustainable Living — **Raymond Pitcher, Jamie Crouse**

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Learn how to measure your energy use and make informed, energy-wise decisions. Engage in hands-on activities and receive a teaching tool kit you can use with your class to explore sustainabe practices in energy, water, transportation, food, and the consumption of goods. Following the workshop, you and your class can qualify for incentives and prizes based on your implementation of sustainable actions.

Technology Education Master's Degree 100% On-Line — **Glenn Hider, 352 Wilber Hall**

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Earn your master's degree while teaching. Our 100% online program provides flexibility, enhancing your teaching and program. Five term program provides professional experiences in: program development, grants, STEM, sustainability, special populations, creativity, assessment, research, and more. Competitive tuition.

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Scott Stagnitta
160 Wilber Hall

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Commercial Exhibits: open until 12:15 p.m.
Ship's Program drawings: noon – 12:15 p.m.

SESSION 7 Fri. 1:30 to 2:30 p.m.

Multimedia in the Classroom

Harry Applin
251 Wilber Hall

An overview of Jing™ (freeware) and Camtasia Studio™ in creating tutorials, lecture capture and demonstrations. We will also cover producing videos for the WWW, iPad, iPod, and HD/DVD. New to this will be Speech to Text captions for ADA compliance along with SCORM compliance output.

Bring Exciting STEM Robotics Activities to Your School with FIRST

Karin Dykeman, Eric Hubbard
Casey Ostrander
121 Wilber Hall

FIRST (For Inspiration and Recognition of Science and Technology) has established a family of programs for students, ages 6-18, designed to engage participants in context-based, robot-centric activities. Liverpool High School has been participating in FIRST's flagship robotics competition since 1998. Learn what this amazing program can do for your students, your department, and your school. Presenters will provide an overview of FIRST programs with an emphasis on the Robotics Competition and advice for starting a team.

Recruiting 101 - Maintaining and Promoting Your Classes
Mike Amante, Ryan Orilio
352 Wilber Hall

With school budgets shrinking, recruiting students is an essential task for any tech teacher. Come learn (and share) proven, exciting ideas for maintaining course numbers, encouraging course growth, and sharpening the image of your tech program in the greater school community.

Intro to Engineering Science: A Dual Enrollment Course
Donald Schaefer
253 Wilber Hall

Repeat from Session 1—Thurs. 9:00-10:00 a.m.

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Building 20

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Build and Program a LEGO™ NXT Robot
Steve Hughes, Teresa Hughes
160 Wilber Hall

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Technology Degree Options at SUNY Oswego
Richard Bush
163 Wilber Hall

Repeat from Session 4—Thu. 3:30-4:30 p.m.

Explore the two degree programs offered by the Department of Technology: Technology Education and Technology Management. Open to interested high school students, guidance counselors, and teachers.

SESSION 8

Fri. 2:45 to 3:45 p.m.

Computer Customization for Student Success — **Mark Springston, B5 Wilber**

The computer image setup in some laboratories may be equally as important as the arrangement of other items in the learning environment. This presentation will include computer customization tips and strategies learned from 15 years of instructing communication-related courses such as graphics, video production, CAD, and media production. Topics will include operating system setup, browser configuration, software customization, student storage, local/Internet-based resources, and communicating with computer technicians. Participants will be encouraged to share strategies used with their laboratory computers and will have an opportunity to see the new "hide-away" computer desks installed with both iMacs and PC towers.

Project Veggie Power - Veggie/Diesel Powered Go-Kart — **David Buchner, Bob Walters, Dustin Gibian, Building 20**

Project Veggie Power is about alternative energy, materials processing, and many hours of working in the technology engineering lab learning to design, weld, paint, and solder; learning that a metric wrench is not a English wrench; learning to do a simple task over and over again until it's right and, crying and laughing so hard your stomach hurts.

Department of Technology Plans and Curricular Updates — **Mark Hardy, Dan Tryon, 163 Wilber Hall**

The Department of Technology has great plans for the future. Join us for a presentation on the curricular updates for the technology education program and see the plans for our newly renovated facilities.

Going Paperless using PDF — **Harry Applin, 251 Wilber Hall**

Using Adobe™ Acrobat to create forms and portfolios while reducing paper and ink use. There will also be a demonstration of CutePDF™ (freeware) for printing PDF and the Acrobat™ comparison tool to compare documents for similarities.

Interested in hosting a student teacher?

Stop in 252 Wilber Hall in the Field Placement Office and speak to James Decker, Assistant Field Placement Coordinator for Technology Education.

PRESENTERS

A

Mike Amante

Harry Applin

B

Randy Belcher

Judith Belt

Julia Best

Rick Bettencourt

Stephanie Bischoping

Chris Botto

David Buchner

Richard Bush

CD

Phil Caputo

John Cheney

Nick Cimorelli

Craig Clark

Jamie Crouse

Karin Dykeman

EF

Donald Esposito-Kelley

Lee Flader

G

Dustin Gibian

Chuck Goodwin

Clark Greene

Melva Guzzman-Cabrera

H

Jeff Hapgood

Mark Hardy

Glenn Hider

Ray Holt

Eric Hubbard

Steve Hughes

Teresa Hughes

IJ

George Irwin

Dan Ivancic

Robert Jones

K

Lawrence Kassan

Chuck Knier

Tom Kubicki

David Kulberg

L

Kirk Lensgraf

Mark Leonard

Edward Levine

M

Steve Macho

Mike Malfa

Donna Matteson

Star Matteson

Brian McDonald

Julie Meleski

Greg Metzger

Kirk Mishrell

William Mulvey

Tom Murphy

NO

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Ryan Orilio

Casey Ostrander

Kevin Oswald

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Michael Petrone Jr.

Eric Pflug

Raymond Pitcher

Mark Potter

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Erica Querns

Dan Rawson

Catherine Richard

Matt Roe

Frank Roma

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Alex Sheldon

Mark Springston

Scott Stagnitta

Jeff Stevens

TUV

Roger Taylor

Dan Tryon

Dave Valentino

Hanna Valentino

WXYZ

Bob Walters

James Wandzilak

Sue Wang

Dan Young

Edward Zak

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Teri Davis, *Department Secretary*

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Technical Drawing
Construction Systems

John Belt
Design
Student Teacher Supervision

Judith Belt
Technical Writing
Technology and Civilization

Earl Billings
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Technology Management
Coordinator
Advisement Coordinator

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Thomas Kubicki
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Student Teacher Supervision

Bill Lavin
Student Teacher Supervision

Donna Matteson
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Computer Assisted Drawing

Michael Nehring
Professional Education Sequence
Graduate Education

Mark Springston
Communications Systems
Professional Education Sequence
Graduate Education

Daniel Tryon
Manufacturing Systems
Polymers

Richard Valentine
Student Teacher Supervision

Edward Zak
Electronics
Professional Education Sequence

Graduate Assistants
Michael Petrone Jr.
Linda Paris

Special Guests

Michael Fry, *NYSTEEA President*

Phil Dettelis, *Technology Education Liaison, NYSED*

Howard Gordon, *Executive Assistant to the President, SUNY Oswego*

Pamela Michel, *Interim Dean School of Education, SUNY Oswego*

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