| | | 10:30 ам-11:15 ам | 11:30 АМ-12:15 РМ | 12:30 рм-1:15 рм | 1:30 PM-2:15 PM | | 3:00 PM-3:45 PM | 4:00 PM-4:45 PM | 5:00 рм-5:45 рм | |
|----------------------------|------------------------------|--|--|--|---|-------------|--|--|---|--|
| ERGING HNOLOGIES | | Interactive Digital Content for Multi-touch Devices Lila Roberts, Clayton State University | Tweets, Tubes and You Graham Smith, Kellogg Community College | A Commuter Campus Conundrum Solved: Office Hours Using Skype Devin Henson, Midlands Technical College | The Community of Inquiry Model for an Inverted Math Classroom Scott McDaniel, Middle Tennessee State University | | Maple, Sage and Wolfram Alpha, Side by Side Reza Abbasian & John Sieben, Texas Lutheran University | Design on a Dime: Using Free or Inexpensive Technologies to Enhance Your Courses Randall Gallaher & Kevin Bodden, Lewis and Clark Community College | SMARTBoard Podcasting: Practical Tips to Increase Effectiveness and Decrease Effort Thomas Hartfield, Gainesville State College | |
| CHING INE | | Good Practice #2 – Reciprocity Among Students – How Do I Do This in an Online Class? Shawna Haider Salt, Lake Community College | An Entire Math Degree Online Markus Pomper, Indiana University East | Online Mentoring and Learning for College Readiness at UT Austin College of Natural Sciences Alison Ahlgren, <i>University of Texas</i> | Podcasts, Digital Pens, and Other Technologies for Enhancing Learning: Examples from Statistics Courses Ginger Rowell, Brandon Hanson & Joel Rowlett, Middle Tennessee State University | | Enhancing Hybrid and Online Courses Martha Goshaw & Eden Donahou, Seminole State College | What Does It Take for Students to be Successful in an Online Mathematics Course? Jennifer Hegeman, Missouri Western State University | Teaching Statistics Online Pamela Omer, Western New England Universit | |
| BEFORE CALCULUS | -9:30 am | Statway and Quantway – Networked Improvement Communities in Developmental Mathematics Julie Phelps, Valencia College; Bruce Yoshiwara, Los Angeles Pierce College | Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics Eric Gaze, Bowdoin College | What's the Function of Functions in Intermediate Algebra? Jay Lehmann, College of San Mateo | Engaging Students using Interactive Media Stephen Zuro, Joliet Junior College | | Interactive Mathematics Tutorials using Excel: The Next Step Mariano Rodrigues, University of Phoenix | Getting Going with Autograph for Teaching and Learning Mathematics Alan Catley, Tynemouth College | Technology and Student Outcome in College Algebra Course Lalitha Subramanian, Potomac State College o West Virginia University | |
| | 8:30 am | Comparing Trigonometric Sketches and Computations in Geometer's Sketchpad vs GeoGebra Jane Gower, Francis Marion University | Knowledge Exchange Networks and MathDL Bruce Yoshiwara, Los Angeles Pierce College | Software Should Emulate Conscientious Instructors by Responding to Every Student Step John C. Miller, The City College of The City University of New York | A Look at Smart Notebook Math's Equations, Tables, and Graphs David Ray, University of Tennessee at Martin | | Developmental Algebra Reform is Dead without Neuroscience & Technology Edward Laughbaum, The Ohio State University | Up Close & Personal: Using Videos and Pencasts to Enhance Mathematics Classes Joan Raines & Lawanna Fisher, Middle Tennessee State University | Glitzy Math: The Mathematics of Computer Graphics Thomas Pirnot, Kutztown University of Pennsy | |
| CULUS | te Address n-10:30 am | What it's Like to Teach Calculus I When Everyone has an iPad Sallie Paschal, Georgia Perimeter College | Using Maple for Visualization in Multivariate Calculus Mary Koshar & Daria Filippova, Bowling Green State University | Creating Calculus Demos with GeoGebra 4 Carl Spitznagel & Barbara D'Ambrosia, John Carroll University | Telling the Stories of Interactive Calculus Figures Eric Schulz, Walla Walla Community College | md 00:8-u | Technology Enhanced Large Calculus Lectures Elizabeth Miller, The Ohio State University | Creating and Using Interactive "Play" Modules Richard Mercer, Wright State University | Clickable Calculus: Syntax-Free Computing i Maple Robert Lopez, Maplesoft | |
| ND ULUS | and Keynot s 9:30 an | Applications of the Reflection of a Curve with Respective to a Line in Optics Wei-Chi Yang, Radford University | Top Gear: The Super Cars of Calculus Discussions Gregory Dlabach | Calculus Animations with GeoGebra Kevin Hopkins, Southwest Baptist University | Calculus on Demand: Capitalizing on the Power of Technology to Revolutionize Instructional Delivery Jeffrey Steckroth, Christopher Newport University | | | Exploring CAS Technology to Form Conjectures, Furnish Proofs, and Discover Counterexamples Jay Schiffman, Rowan University | Calculus with Wolfram Alpha Vincent Dimiceli & LeighAne Locke, Oral Rob University | |
| GOGY, ARCH, & SSMENT | Ceremony, | Moving the Graphing Calculator to the Mobile Platform: Results of a Two Year Study John Ehrke, Abilene Christian University | Tech-agogy: Appealing to the Culture-Style of Today's Students Sharon Sledge, San Jacinto College | Techniques to Teach Math to Right-Hemisphere Dominant Students Jill Whealon, Columbia College | Redesign and Readiness Results Phoebe Rouse, Lousiana State University | xhibitor Ho | Issues Related to the Algorithmic Generation of Test Items Timor Sever, Houston Community College | Teaching Math – Integrating Reading Strategies Makes a Difference! Lynn Marecek & MaryAnne Anthony, Santa Ana College | Divergent Thinking in a Hybrid Geometry Environment Nikita Patterson & Darryl Corey, Kennesaw S University | |
| ATHLAB | ICTCM Award Dedicated Exh | Reenergizing Online Learning Through the Interactive Virtual Text: A Trigsted Pilot Amanda Hanley & Donald Gabriel, Cuyahoga Community College | Increased Learning Through Increased Testing Kevin Bodden & Randall Gallaher, Lewis and Clark Community College | Using MyMathLab to Promote Mastery Learning George Woodbury, College of the Sequoias | Customize MyMathLab Using Camtasia, OneNote, Web 2.0 Tools and the CLOUD Teri Barnes & Lisa Lindloff, McLennan Community College | edicated Ex | MyMathLab in College Algebra and Beyond Kimberly Walters, Mississippi State University | Case Study: Redesigning Developmental Math to Improve Success using MyMathLab (Emporium Model) Teresa Betkowski, Gordon College | Using MyMathLab to Meet the Needs of Ade Learners in Online College Mathematics Con April Parker, Troy University | |
| . WORLD ICATIONS | Address, ICT | Understanding Three-Dimensions Frank Wattenberg & Chris Weld, United States Military Academy; Aaron Elliott, United States Army; Erica Slate-Young, University of Alabama, Huntsville; Jack Bookman, Duke University | DIYModeling, I Chris Weld & Frank Wattenberg, <i>United States</i> Military Academy | DIYModeling, II Bill Bauldry, Appalachian State University; Keith Erickson, Georgia Gwinnett College | Military Applications Chris Arney, Kathryn Coronges & Anthony N. Johnson, United States Military Academy | Δ | Using Technology with Partial Differential Equations Drew Wilkerson & Stanley Florkowski, United States Military Academy | Energy TBD | Energy, Climate Science, and Public Policy TBD | |
| | ш е | 10:30 ам-12:15 рм | | 12:30 рм-2:15 рм | | | 3:00 РМ-4:45 РМ | | 5:00 рм-6:45 рм | |
| CULATOR RKSHOPS | Welco | SMART Boards, TI-Nspire CX, and TI-Nspire Navigator – Creatively and Effectively Integrated Into Your Math Course Tom Reardon, Youngstown State University | | Statistics Activities with the Casio Prizm Calculator John Diehl, Retired – Hinsdale Central HS | | | Teaching Statistics with Technology Solomon Willis, Cleveland Community College | | Using the ClassPad 330 to Explore Mathemat Diane Whitfield, CASIO MRD Center – Portland Community College | |
| | | To Camtasia or To Captivate? That is the Question! Sarah Mabrouk, Framingham State University | | Developing Computer Based Assessment in Mathematics using Maple TA Douglas Quinney, University of Keele, Keele, Staffs UK | | | New Features in GeoGebra Mike May, Saint Louis University | | How Autograph Can Help Make a Difficult St Palatable Douglas Butler, ICT Training Centre | |
| IPUTER ICOURSES | | Building Interactive Math Applications using Javase Mike Pilant, Texas A&M University | cript and HTML 5 | Connecting with Students using Mobis and Smartpens Sue Glascoe, Mesa Community College | | | Making Multivariable Calculus Come Alive using Ca Paul Seeburger, Monroe Community College | lcPlot3D | | |

| ATURDAY, | MARCH 24 | | | | | | | | | |
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| | 8:00 AM-8:45 AM | 9:00 AM-9:45 AM | | 10:30 ам-11:15 ам | 11:30 ам-12:15 рм | 12:30 рм-1:15 рм | 1:30 рм-2:15 рм | 2:30 рм-3:15 рм | 3:30 рм-4:15 рм | 4:30 рм-5:15 рм |
| MERGING ECHNOLOGIES | Answering Math Questions using Mimio Tablet Melissa Reid, Rowan-Cabarrus Community College | Twitter-ing Mathematics Sarah Mabrouk, Framingham State University | | Make a Math Video Somebody Will Want to Watch Frank Ives, <i>University of La Verne</i> | An Introduction to Sage Scott Randby, The University of Akron | Using iPads to Transform Learning Spaces Timothy Lucas & Brian Fisher, Pepperdine University | Welcome to A Barn Raising – the Development of Valencia's Math 24/7 Tutorial Website Jody DeVoe, Cathy Ferrer & Jennifer Lawhon, Valencia College | Improving Interaction and Instruction in College Math Classes Kimberly Walters, Mississippi State University | Using a SMART Board to Create Online Course Content Mary Knappen, Genesee Community College | Mathplosion - Rapid Content Generation for Mathematics Calvin Williamson, Fashion Institute Technology/SUNY |
| EACHER REPARATION | Preparing Preservice Math Teachers to Teach with Today's Technology – Keeping Them Up to Date Bill Blubaugh, University of Northern Colorado | Learning Mathematics – It's at your Fingertips! Phyllis Bolin & Michael Bolin, Abilene Christian University | | Introduction To Mathematics Manipulatives: Preservice Teachers Create Digital Stories Illustrating Types and Application of Manipulatives Sandra Browning, Jana Willis & Donna Smith, University of Houston Clear Lake | Teaching Mathematics using the SmartPen Robert Vilardi, Troy University Montgomery Campus | Web Based Tools, Apps, and Animations for Visualization and Exploration Kathryn Ernie & Erick Hofacker, University of Wisconsin - River Falls; Sherrie Serros, University of Wisconsin - Eau Claire | Using Screencasts to Improve Preservice Teachers Content Knowledge Carol Bell, Northern Michigan University | Connecting Geometry, Measurement, and Algebra using GeoGebra for the Elementary Grades Carol Marinas, Barry University; Joseph Furner, Florida Atlantic University | Wii™ Math for the Middle School Christina Gawlik, Texas Woman's University | |
| BEFORE CALCULUS | Math Literacy for College Students: Connecting MyMathLab, Redesign and Quantway Kathleen Almy & Heather Foes, Rock Valley College | ts: Connecting MyMathLab, gn and Quantway n Almy & Heather Foes, Initiatives & Collaboration with Local Community Colleges & Universities Humberto Laurel, Laredo Community College; | | The Power of a Math Coach: Unchanging Principles in Times of Changing Technology John Tobey & Jeff Slater, North Shore Community College; Jamie Blair & Jennifer Crawford, Orange Coast College | | Do Mathematics and Technology Create Reality? Gary Rockswold, Minnesota State University, Mankato | "Friends" Can't Do Math; Can Mr. Spock Do Any Better? Lisa Lister, Bloomsburg University | Keeping Students On Track in a Self-Paced Developmental Math Course Curtis Mitchell, Kirkwood Community College | Using Wolfram Alpha to Build Confidence in Developmental Algebra Students Victoria Kim, DeVry University | Teaching Introductory Statistics wan iPad: Using TC-Stats Brian Jean, Taft College |
| | Student Exploration Activities using Mathematica Nora Strasser, Friends University | Mastery Learning and My Math Lab in Developmental Mathematics Arunas Dagys & Patricia Petkus, Saint Xavier University | am | Diverting Disaster with Algebra Mary Anne Petruska & Sharon Adams, Pensacola State College | Effect of Active Learning on Academic Proficiency for Community College Students Enrolled in Developmental Mathematics Hope Essien, Malcolm X College | Free and Open Online Homework for a Free and Open Textbook David Lippman & Melonie Rasmussen, Pierce College | Incorporating Projects in College Mathematics for an Online Environment Denise Nunley, Glendale Community College; Alicia Collins, Mesa Community College | Tablet PC's Revolutionize the World of Teaching Gabriel Mendoza, El Paso Community College | Love and Piece! The Calculator that Does Not Calculate! Derrick Saddler, University of South Florida | Mathematics through the eyes of Music Cindy Soderstrom & Maureen Howe Salt Lake Community College |
| ALCULUS/ EYOND ALCULUS | Creating Animations Rosemary Farley & Patrice Tiffany, Manhattan College | Mathematical Modeling The Four Seasons Paul Bouthellier, University of Pittsburgh- Titusville | 3:45 am-10:30 | Applications of Complex Variables in the Sciences and Engineering with MATLAB David Szurley, Francis Marion University | Easy Beamer Presentations with the TeX Editor LyX 2.0 Dennis Pence, Western Michigan University | Using Graphs to Break Ciphers in Cryptography Neil Sigmon, Radford University; Rick Klima, Appalachian State University | Microsoft Excel VBA Programming Techniques David Nawrocki, Albright College | Creating and Incorporating Dynamic Applets for Differential Equations the Easy Way Robert Decker, University of Hartford; June Decker, Three Rivers Community College | Matrix and Bimatrix Fuzzy Games Mary George, University of Kerala | Class Projects using MATLAB to Analyze Models using Impulsive Differential Equations Timothy Comar, Benedictine Universi |
| TATISTICS | The Challenge of Real Data Robert Gould, University of California, Los Angeles | Technology in Statistics Marty Triola, Dutchess Community College | r Hours S | Statistics: Using Applets for Concept Development and Projects for Assessment Marsha Davis, Eastern Connecticut State University | Investigating the St. Petersburg Paradox with Maple Joel Fowler, Southern Polytechnic State University | Going for the Gold with Statistics, Spreadsheets, and Sports Carrie Grant & Julie Jurgens, Flagler College | Simulation and Resampling Methods in Introductory Statistics Michael Sullivan, Joliet Junior College | R: An Economical Statistical Computing Choice for Introductory Courses Paula Young, Salem College | Creating Statistics Applets With GeoGebra David Gurney, Southeastern Louisiana University | iDevices as Lab, Data, & Analyses Tools Taoufik Nadji, Northwestern Michig College |
| EDAGOGY, ESEARCH, & SSESSMENT | Quality Enhancement Plan (QEP) – Five-Year Report on Hybrid Learning in Math Hubs Robert Indrihovic, Florence- Darlington Technical College | Using the History of Mathematics Technology to Enrich the Classroom Learning Experience Sarah Greenwald & Jill Thomley, Appalachian State University | cated Exhibito | Real-Life Projects for Student Assessment in Gen Ed Mathematics (online and classroom) Joseph Sukta, Moraine Valley Community College | An Online Precalculus Course using ALEKS (An assessment and learning software) Sarah Eichhorn & Rachel Lehman, University of California, Irvine | Best Practices in Teaching Mathematics Online Kumara Jayasuriya, Purdue North Central | A Personalized Precalculus Program Sandra Nite, G. Donald Allen & Jennifer Whitfield, Texas A&M University; Sharon Sledge, San Jacinto College | Transitioning Students Mathematically from High School to College Through ScreenCasting Erick Hofacker & Kathryn Ernie, University of Wisconsin - River Falls; Sherrie Serros, University of Wisconsin - Eau Claire; Rebecca | | Using Assessment to Better Implement Online Homework Systems in Developmental and Collegiate Mathematics Courses Scott Gentile, Hunter College, City University of New York |
| OURSE EDESIGN | Do the Math! Redesigning Developmental Math in Hawaii, Kentucky, and Tennessee Azar Raiszadeh, Chattanooga State Community College | Course Redesign: The Best of Both Worlds Andreana Grimaldo, Quinsigamond Community College | Ψ | Lessons Learned! Redesigning our Redesign Karen Wyrick, Cleveland State Community College | Course Redesign: The Role of the Teacher in Redesign Sandee House, Training Consultant | A First Calculus Course Using Numerical Tools and Modeling Brian Birgen, Wartburg College | Diary of a Modular Math Redesign Honey Kirk, Palo Alto College; Tony Bower, St. Philip's College; Amy Collins, Northwest Vista College; Dianna Lee, Northeast Lakeview College; Paula McKenna, San Antonio College | ECHO: Introducing Course Redesign in High Schools John Squires, Chattanooga State Community College | Mathematics Redesign: What Works for Us Chairsty Stewart, Vivian Zabrocki & Vivian Payne, Montana State University Billings | Recipe for Greater Student Succes Developmental Mathematics Meredith Altman, Genesee Commu College |
| IYMATHLAB | Developmental Math: From Prevention to the Cure Jane Wampler, Naugatuck Valley Community College | The Perfect Storm—Redesigning Developmental Math at Northern Virginia Community College Teresa Ryerse Overton & Beverlee Drucker, Northern Virginia Community College | | Using MyMathLab Across the Mathematics Curriculum. Wojciech Kosek, Colorado Technical Univeristy | Developmental Student Success in Courses from College Algebra to Calculus Betsy Kuhn, Edgar Fuller, Douglas Squire & Jessica Deshler, West Virginia University | Roosevelt University's Math PReP (Placement Reassessment Program) - Placement and Remediation with MyMathTest Mary Williams & Cathy Evins, Roosevelt University | A Case Study Analysis: The Implementation of MyMathLab Software in Teaching College Mathematics Samuel Gross, Savannah College of Art and Design | Utilizing MyLabsPlus to Redesign Developmental Math, Emphasizing Critical Thinking, Active Learning, Student Engagement and Retention Michelle Van Wagoner & Eli Nettles, Nashville State Community College | | |
| | 8:00 AM-9:45 AM | | | 10:30 АМ-12:15 РМ | | 12:30 PM-2:15 PM | | 2:30 PM-4:15 PM | | 4:30 рм-6:15 рм |
| ALCULATOR /ORKSHOPS | Integrating TI-Nspire CX CAS into Calculus – A First Try Michelle Merriweather, The College of New Rochelle | | | Exploring Fundamentals of Probability, the Binomial Distribution, and the Poisson Distribution with Graphing Calculator Technology Bob Horton, Clemson University | | Nspiring Activities for College Algebra in Context Lisa Yocco & Bridgett Lee, Georgia Southern University | | Interesting Facts, Their Proofs, Their Verifications Andy Ventress, (formerly) Moraine Valley Community College | | Exploring Precalculus with the Casi PRIZM Graphing Calculator Jennifer North Morris, Casio Educat |
| OMPUTER IINICOURSES | High Stakes Testing Using WebAssign Lisa Townsley, University of Georgia | | | Maple Task Templates: Build, Save, Distribute Robert Lopez, Maplesoft | | EXCELing with Visual Basic: Creating dynamic applets in Excel Nicole Juersivich, Nazareth College | | DIY Modeling Joe Yanik, Emporia State University; Frank Wattenberg, United States Military Academy | | Instructional Tools for the Finite Mathematics Classroom Timor Sever & Michael Granado, Houston Community College |
| | Geogebra + Web 2.0 = Access For All | | | Reasoning and Sense Making with Techn | ology in Precalculus and Calculus | Using Video Instruction using Camtasia Studio | | SmartBoard and SmartNotebook Essentials | | |
| | Michael Todd Edwards, Miami University ATIONS USED BY MANUFACTURERS AND SELLERS TO DISTINGUISH THEIR PRODUCTS ARE CLAIM | | | Wade Ellis, West Valley College | | Rose Jenkins, Midlands Technical College | • | Jim Voss and Sandy Williams, Front Range Commu | | |