

Parallel Sessions

25th Association of Christians in the Mathematical Sciences Biennial
Conference and The Christian Engineering Society 2026 Conference
May 28 – May 30, 2026

Thursday, May 28

Parallel Sessions 1-3 (9:15am-10:25am)

Session Schedule	Math NH 259 Moderator: Mike Bolt	Math Teaching NH 295 Moderator: Valorie Zonnefeld	Faith in Math NH 276 Moderator: Nathan Sunukjian	C.S. Teaching NH 253 Moderator: Derek Schuurman	Statistics, etc. NH 251 Moderator: Stacy DeRuiter	CES Track A SB 110 Moderator: Justin VanderWerff	CES Track B
9:15am-9:35am	Bryan Dawson Union University The Lake Wobegon Paradox	Simon Tse Trinity Western University Moore's Method with Cognitive Augmentation	Dale McIntyre Grove City College Ten Mathematical Scientists Who Recognized God's Hand in Their Work	Jon Craton Anderson University Aligning Agents to Meaningful Learning: Applying the Agent Skills Framework to Math and Computer Science Education	Judith Canner California State University Monterey Bay Status, Equity, and Collaboration: A Pilot Study of Complex Instruction-Informed Pair Programming	Christian Engineering Society Business Meeting	No session scheduled
9:40am-10am	Michael Sill Will Anklam Naomi Hekman California Baptist University Mathematical Evidence of Structured Robustness in the Genetic Code	Abigail Cheng Math for America Our Math Roots: Ethnomathematics for Cultivating Belonging in the Mathematics Classroom	Kelsey Marcinko Whitworth University Mathematics, Virtues, and Flourishing: Integrating Worldview Reflections in a Complex Variables Course		Nicholas Zoller Southern Nazarene University Developing a Baseball Statistics Course	Christian Engineering Society Business Meeting (Continued)	No session scheduled
10:05am-10:25am	Tanner Auch Bethel University Observations From Pascal's Triangle	Susan Geer Gary Raduns Roberts Wesleyan University Bridging the Epistemological Gap: The Problem-Solving Laboratory Extension (PSLE) as a Framework for Retention in Intensive First-Year Physics and Engineering Cohorts	Elizabeth DeWitt Independent Scholar Math on Faith	Benjamin Mood Point Loma Nazarene University Successfully Teaching Students to Create Compilers	Kaitlyn Fitzgerald Villanova University Faith Integration Across the Statistics and Data Science Curriculum	Christian Engineering Society Business Meeting (Continued)	No session scheduled

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Parallel Sessions 4-6 (10:45am-11:55am)

Session Schedule	Math NH 259 Moderator: Mike Bolt	Math Teaching NH 295 Moderator: Lisa Hernandez	Faith in Math NH 276 Moderator: Derek Schuurman	C.S. Teaching NH 253 Moderator: Stacy DeRuiter	Statistics, etc. NH 251 Moderator: Judith Canner	CES Track A SB 110 Moderator: Carrie Francis	CES Track B SB 103 Moderator: Philip Tan
10:45am-11:05am	Elizabeth Holmen-Crow Point Loma Nazarene University A fine introduction to Affine Geometry and related problems	Becky Wakeman Indiana Wesleyan University Extending the Table: AI Tools that Welcome Students into Mathematical Community	Anthony Bosman Andrews University Absolute or Relative: Time and Space in Newton's Interpretation of Genesis 1	Carlson Triebold Point Loma Nazarene University Education-based service-learning projects	Will Best Belmont University Divine Dependence: A Multi-Method Approach to Correlated Messianic Prophecy	Brian Swartz Messiah University Gospel Allegories in Engineering Mechanics	Posters Joseph Bustamante, Mark De Haan, John Tixier LeTourneau University Beth L. McCoy Azusa Pacific University
11:10am-11:30am	Jonathan Tot Ph.D. Student Dalhousie University Demonstrating Euler's Formula Without Calculus	Taylor Poe Adelaide Zink Mississippi College An Undergraduate Research Journey	Daniel Kiteck Indiana Wesleyan University On the Problem of God and Abstract Objects	Shelley Zhang Gordon College What to Teach and Not to Teach When AI Programs So Well?	Jason Wilson Biola University Luuk Van de Weghe Independent Scholar How Using Statistics to Compare the Names in the Gospels and Acts with the Historical Reference Distribution Supports their Historical Reliability	Charles E. Baukal Jr. Oklahoma Baptist University Lessons from the Fiery Furnace for Today's Youth	Mark Nowack College of the Ozarks Caring for Engineering Alumni
11:35am-11:55am	Andrew Simoson King University Let there be Light: a Toy Model	Lauren Sager University of New Hampshire Rebecca Butler Virginia Commonwealth University Calculating Change: How One Experienced Learning Assistant Helped a Calculus I Instructor Differentiate their Instruction	Karl-Dieter Crisman Gordon College What is Voting For? The Faith-Filled Work of Some Voting Theory Pioneers	Victor Norman Calvin University A Christian Perspective on Grading: Eschewing Competition	Frederic Holland Independent Scholar A Simple Approximation Relating the Mean, Standard Deviation and Skew for a Common Class of Shape-Varying Probability Distributions Models	Jon D Tirpak Sabattis LLC A Professional Metallurgical Engineer's Perspective of Refining of Souls and Metals per Malachi 3: 1-3 and The New American Bible Revised Edition	John Tixier LeTourneau University Engineering Program Initiation at Northrise University

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Parallel Sessions 7-10 (1:15pm-2:50pm)

Session Schedule	Math NH 259 Moderator: Joyce Chew	Math Teaching NH 295 Moderator: Jenny Griffin	Faith in Math NH 276 Moderator: Dave Klanderma	Comp. Sci. NH 253 Moderator: Ken Arnold	Statistics, etc. NH 251 Moderator: Randy Pruim	CES Track A SB 110 Moderator: Jennifer J. Van Antwerp	CES Track B SB 103 Moderator: Samuel Adeyemo
1:15pm-1:35pm	Tai-Danae Bradley The Master's University The Categorical Magnitude of Language Models	Laurel Carpenter Bob Jones University Encouraging Undergraduate Students to Develop a Philosophy of Mathematics	Daniel Norman Forman Christian College University A Professor, a Parable, and Pakistan	Seth Hamman Cedarville University Free Resources for Teaching an Intro to Cybersecurity Course	Nathan Sunukjian Calvin University Are you there math? It's me, Uncertainty and Anxiety -- Probability in the 17th and 18th centuries	Kayt Frisch Mike Foster George Fox University Creating an AI Thought Partner for the Design Norms	Fred Haan Calvin University With Mind Awake and Thankful Heart: Being alert to connections between our faith and our engineering work
1:40pm-2pm	Matthew Wright St. Olaf College Polynomial Identities for Generalized Fibonacci Sequences	Sarah Klanderma Matt Dahlgren Sarah Justice Marian University Reflections on Equity-Focused STEM Professional Development	Rebekah Yates Houghton University Summing it up: integrating mathematics with faith, learning, and life in a senior seminar course	Kehinde Ayano Indiana Wesleyan University Artificial Intelligence, Adversarial Attacks, and Human Moral Responsibility	Alana Unfried California State University Monterey Bay masder.net - A Tool for Understanding Statistics and Data Science Programs	Kenneth D. Visser Calvin University Our Calling to Create More Good, An Aerospace Engineer's Perspective	Philip Tan Messiah University Efficiency-Loving Engineers and our "Inefficient" God
2:05pm-2:25pm	Todd Kapitula Calvin University Opinion formation in the presence of zealots	Cameron Sweet Saint Martin's University Problem Solving: Mathematics and Climbing	Patrick Eggleton Taylor University Authentic Faith in Practice: Meaningful Integration Within the Mathematics Classroom	Joseph Lin Charleston Southern University Imago Dei in the Age of Algorithms: Designing a Faith-Integrated Applied AI Liberal Arts Core	Stacy DeRuijter Jiaxin Chen Miriam Crisman Calvin University Using the Residual Autocorrelation Function to Verify Independence (and When it Doesn't Work)	Justin R. Vander Werff Kevin J. Timmer Dordt University A normative design process for code-based infrastructure design	Ben D. Giudice George Fox University Sabbath and the Engineer: A Theological and Practical Exploration of the Pinnacle of Creation
2:30pm-2:50pm	Samuel Allen Alexander Independent Researcher Bryan Dawson Union University Idempotent Ultrafilters, Elections, and Applications	Mark Colgan Taylor University Fun Ways to Engage Students with Active Learning	David Freeman University of Cincinnati Blue Ash College The Science of Imaginable Things: On the Mathematical Philosophy of Leibniz	Paul Griffioen Dordt University The Trinitarian Foundations of Object-Oriented Programming	Michael Stob Calvin University The NCAA Power Index	Ethan Brue Dordt University Revisiting Responsible Technology for the Next Generation	Anecdotes Jon Tirpak Sabattis LLC John Tixier LeTourneau University Michelle Kim John Brown University

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Thursday, May 28

Parallel Sessions 11-15 (3:10pm-5:10pm)

Session Schedule	Math NH 259 Moderator: Todd Kapitula	Math Teaching NH 295 Moderator: Wilson Gyasi	Faith in Math NH 276 Moderator: John Ferdinands	Comp. Sci. NH 253 Moderator: Vic Norman	Math Teaching NH 251 Moderator: Dave Klanderma	CES Track A SB 110 Moderator: Chuck Baukal	CES Track B SB 103 Moderator: Randy Brouwer
3:10pm-3:30pm	Melvin Royer Indiana Wesleyan University Comparison of Competing Species Dynamical Systems Models	Kirsty Gilpin Southeastern University Janet Vosen Liberty University Exploring Parental Goal-Setting and Its Influence on Mathematics Education in the Homeschool	Steven Lippold Geneva College Redeeming Mathematics Education: Applying Poythress to Faith Integration	**Session rescheduled for Friday from 11:15-11:35am	Josh Wilkerson Regents School of Austin The Classical Christian Movement: How they teach (and don't teach) math	Yang Zhao Indiana Wesleyan University Divine Power Entrusted to Christian Electrical Engineers	Matt Heun, Jeremy Van Antwerp Calvin University High-stakes teaching: Lessons from two decades of problem-based engineering education
3:35pm-3:55pm	Jesús Jiménez-Reyes Point Loma Nazarene University Zeros of the Tribonacci Sequence Modulo a Prime	Sarah Klanderma Sarah Justice Marian University Lessons Learned in Alternative Grading	S. Blake Allan Baylor University The Roots of Mathematics	Emily Wenger Duke University Reclaiming Data Agency in the Age of AI	Audrey Dietz University of Delaware Hybrid Calculus Course	Stephanie Adams Oregon State University Engineering Identity as Imago Dei: An Exploration of Engineers' Design Practices and Fulfillments as a Reflection of the Creator	Alexander Roth Peter Staritz Taylor University Using AI to Train Students for Meaningful Spiritual Conversations
4:00pm-4:20pm	Mike Veatch Gordon College Short Names and Large Sets: The Library of Babel and the (False) Infinite Monkey Theorem	Mandi Maxwell Taylor University Wait, I think you're misinterpreting that...	Valorie Zonnefeld Dordt University Belonging in Mathematics: A Christian Vision for Flourishing	Jonathan Zderad Daniel Deutsch University of Northwestern -- St. Paul Applications of Tony PI in Assistive Robotics	Tom Clark Dordt University Learning Journals: A Reflective Reimagination of Homework	Paul Griffioen Dordt University A Distinctly Christian Understanding of the Technical Details in Engineering	Joseph P. Driewer Dordt University Educating Engineering Epistles
4:25pm-4:45pm	Chris Moseley Calvin University Surprise and Illumination in Mathematics	Peter Jantsch Wheaton College Alternative Grading as Faith Integration Practice in the Mathematics Classroom	Chad Mangum Jared Kettinger Clemson University Philip De Castro University of Utah A Graph Theoretic Tool in Epistemology	Michael Kolta Alex Damarjian Palm Beach Atlantic University Christian Ethics in Computers, Software, and Artificial Intelligence	Jenny Griffin Dave Klanderma Calvin University Engaging Learning Activities and Perseverance in Mathematics Courses	Timothy J. Van Dyke Messiah University Machina ex Deo: Seeing Engineering as Inspired by the Creator	Geoffrey A. Akers College of the Ozarks An Instructor's Experience with Volunteer Engagement in the Engineering Laboratory
4:50pm-5:10pm	James Turner Calvin University The Mathematician's Mind Redux	Dusty Wilson Highline College Building Thinking Classrooms Comes to College	Nathan Averbeck Cedarville University Hermann Grassmann's Faith in His Own Words	Michael Leih Point Loma Nazarene University The Impact of GenAI on the IT Workforce	Sarah Klanderma Marian University Dave Klanderma Jenny Griffin Calvin University One Medium, Many Classrooms: Graphic Novels in STEM	Markus D. Ong Whitworth University Diversity by Design for the Benefit of the Body	Hanwan Jiang LeTourneau University Engaging and Exciting Student Learning Through Small-scale and Friendly Contests in Classroom

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Friday, May 29

Parallel Sessions 16-19 (10:50am-12:25pm)

Session Schedule	Math NH 259 Moderator: Chris Moseley	Math Teaching NH 295 Moderator: Jenny Griffin	Faith in Math NH 276 Moderator: Thomas Scofield	Comp. Sci. NH 253 Moderator: Joel Adams	Data Science NH 251 Moderator: Alana Unfried	CES Track A SB 110 Moderator: Monica Groenenboom	CES Track B SB 103 Moderator: Fred Haan
10:50am-11:10am	Lisa Hernandez Isai Uluan-Birrueta Susanna Rempel California Baptist University Mosaic Number of (2,q)-Torus Knots	**Session rescheduled for Thursday 4:00-4:20pm **NH 251	Matthew Tsutsui Portland State University Math, Christianity, and the Pursuit of "Getting" It: Some Helpful Principles for College Students	Olaf Hall-Holt St. Olaf College Ethical use of LLMs: Existence? Strategies?	Ken Arnold Calvin University AI Assumptions	Gayle Ermer Derek Schuurman Calvin University A Faith and Technology Resource Hub: Building the Christian Engineer's Bookshelf	Jonathan David Lasco Charles Keesee University of Jamestown God, His Word, and Engineering
11:15am-11:35am	Mike Bolt Calvin University Following van der Pauw: electrostatics experiments in complex variables	Mike Janssen Dordt University OER for the Kingdom: My Journey into Open Educational Resources	James Turner Calvin University Faith Seeking Beauty: A proposal for integrating faith in teaching mathematics	Amy Feaver Grace College Stacking the Fundamentals: LEGO as a Response to AI	Randy Pruijm Calvin University Grammar(s) for Interactive Graphics	Michael J. McGinnis LeTourneau University Measuring and Encouraging Christian Faith Development in STEM Students	Saroijni Vudumu Anderson University For Such a Time as This: Affirming Human Creativity in the Age of Generative AI
11:40am-Noon <u>Location:</u> <u>SB 010</u>	Chuck Hampton, Mike Stob Calvin University Cal Jongsma Dordt University Dick Stout Gordon College The First ACMS Conference, 1977	Basil Conway IV Columbus State University Jessica Freeland University of Mobile Russell Lawless Columbus State Univ. Social Spiritual Constructivism in the Mathematics Class	Hyeeun Jang Abilene Christian University Viewing Mathematics through a Faithful Lens			Justin R. Vander Werff Dordt University Developing distinctively Christian engineering textbook content	David B Dittenber Jonathan G Clayton Cedarville University Searching for Faith and Engineering: Revitalizing the Christian Engineering Archive
12:05pm-12:25pm <u>Location:</u> <u>SB 010</u>	Chuck Hampton, Mike Stob Calvin University Cal Jongsma Dordt University Dick Stout Gordon College The First ACMS Conference, 1977 (Continued)					Jonathan Gingrich, Edward Erfurt, Charles L. Marohn Jr. Dordt University Teaching transportation engineering to promote flourishing communities	Laurel Dovich Retired Sacred Geometry: Implications for Design in Shapes of Nature

Note: CES will also host a panel discussion on Saturday, May 30 between 10:20am and 10:50am in SB 110

Title: Lessons Learned at the First Christian Engineering Teaching Workshop

Panelists: Brian Swartz (Messiah University), Dave Dittenber (Cedarville University) & Justin Vander Werff (Dordt University)