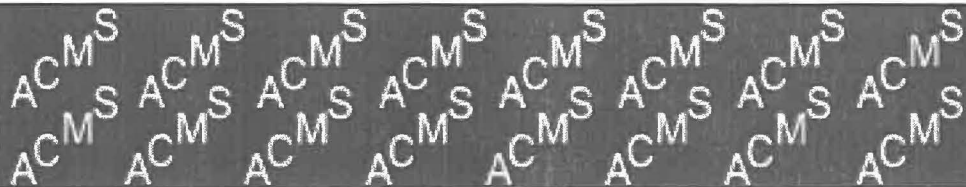


ACMS



Association of Christians in the Mathematical Sciences

ACMS Biennial Conference 2005 Schedule
June 1-4, 2005
Huntington University
Huntington, Indiana

Wednesday, June 1

3:30 – 5:30	Arrival and Registration	Roush Hall Lobby
6am – 10pm	Open gym (Racquetball, Pool, Exercise Equipment) (Show your ACMS Name Tag)	Merillat Physical Education Recreation Center (MPERC)
5:30 – 6:30	Dinner	Habecker Dining Commons (HDC) lower level
7:00	Welcome	HDC upper level
7:15 – 8:45	Several short light talks Roberto Bencivenga -- Chaplaincy in a secular institution Russ Howell -- short review of John Byle's book entitled <i>The Divine Challenge</i> . Erich Hauenstein -- <i>The 3 handsome geniuses and the beautiful heiress</i> Charles Ford -- The German Resistance - 60 years Don Josephson -- A Curious Integration of Mathematics and Scrabble Ward Canfield – Korean Language activities	HDC upper level
9:00 – 10:00	Snacks	Roush Lounge

Thursday, June 2

6am – 10pm	Open gym (Racquetball, Pool, Exercise Equipment) (Show your ACMS Name Tag)	MPERC
7:00 – 7:30	Computer Lab Open	Science 164/166
7:30 – 8:30	Breakfast	HDC lower level
8:00 – 9:00	Registration continues	HDC upper level Roush Hall Lobby
8:30 – 9:00	Informal singing or other music Devotions: Matt Lunsford Welcome & announcements	HDC upper level
9:00 – 10:00	Invited address: Fernando Q. Gouvêa - "Was Cantor Surprised?"	HDC upper level
10:00 – 10:15	Break with light refreshments	HDC upper level
10:15 – 11:15	Invited address: Larry Wall	HDC upper level
11:15 – 11:30	Larry Wall Follow-up session	HDC upper level
11:30 – 11:45	Conference Photo	Lawn near HDC
11:45 – 1:15	Lunch ACMS Board Meeting	HDC lower level HDC Forrester Room
11:45 – 1:15	Computer Lab Open	Science 164/166
	Contributed Papers / Parallel Sessions	
1:30 – 2:30	Philosophy and Math 1:30 PM Jonathan Zderad (Mathematics from a World-View Perspective) 2:00 PM Russell W. Howell (Does the Success of Mathematics Defeat Naturalism?)	Science 125
1:30 – 3:00	Christian Perspective and Mathematics 1:30 PM Erich Hauenstein (Investigating Deterministic Chaos in Some Mathematical Models; Ideas and Possible Implications for Christianity and our World) 2:00 PM Gene B. Chase (Bibliography of Christianity & Math) 2:30 PM John Noonan (Mathematics and Understanding of the Nature of God)	Science 124

1:30 – 3:00	<p>History of Math</p> <p>1:30 PM Mary Wagner-Krankel (Integrating Catholic and Marianist Historical Perspectives in a Mathematics Course for Elementary Education Majors)</p> <p>2:00 PM Maria Zack (Integrating the Teaching of the History of Mathematics with Art and Architecture)</p> <p>2:30 PM Charles Ford (Scientific Socialism and the Assault on Religion)</p>	Science 121
1:30 – 3:00	<p>Just Math!</p> <p>1:30 PM Gary Raduns (Determinants and Zero Divisors in Rings of Matrices)</p> <p>2:00 PM Steven Lay (Visualizing the Fourth Dimension)</p> <p>2:30 PM Andrew Simoson (Playing Ball in Space)</p>	Science 122
1:30 – 3:00	<p>Computer Science</p> <p>1:30 PM Charles Peck (Cluster Computing for Computational Science, invited speaker) (55 minutes)</p> <p>2:30 PM Phil Armour (The Five Orders of Ignorance)</p>	Science 175/177
3:00 – 3:30	<p>Break with light refreshments</p> <p>Contributed Papers / Parallel Sessions</p>	Science Hall Atrium
3:30 – 5:00	<p>Philosophy and Math</p> <p>3:30 PM Jim Turner (Some Theological Reflections on the Nature of Mathematical Reasoning)</p> <p>4:00 PM Troy Riggs, Jeremy Case (Mathematics as Poesis: A preliminary project report)</p> <p>4:30 PM Paul Moffet (Jesus, Plato, Math, and Theology)</p>	Science 125
3:30 – 5:00	<p>Christian Perspective and Mathematics</p> <p>3:30 PM Dale McIntyre (Reflections upon the Relationship between Mathematical and Biblical Truth)</p> <p>4:00 PM Doug Phillippy & Angela Hare (Integration of Faith, Learning, and Christian Vocation with First-Year Mathematics Majors) (55 minutes)</p>	Science 124

3:30 – 5:00	History of Math 3:30 PM Sean Bird (James Clerk Maxwell and Why to Read Biographies) 4:00 PM Tim Sipka (VI. 31) 4:30 PM Henry Williams (Theistic Implications of the Pythagorean Music Scale)	Science 121
3:30 – 5:00	Just Math! 3:30 PM Hanna VanderZee (Explicit Null Space of the Discrete Laplacian) 4:00 PM Stephen Brown (The Other Side of the Equation: De-simplification, a Strong Prerequisite for Calculus II) 4:30 PM Dennis Keeler (Online Calculus Homework)	Science 122
3:30 – 4:30	Computer Science 3:30 PM Kim Kihlstrom (Asserting CS != Can't Socialize: Building Community in a Computer Science Program) 4:00 PM Longy O. Anyanwu (Object Information Repository in Christian Theory of Technology)	Science 224
5:00 – 11:00	Computer Lab Open	Science 164/166
5:30 – 7:00	Picnic Dinner	HDC Patio
6:00 – 10:00	Open gym (Racquetball, Pool, Exercise Equipment)	Merillat Physical Education Recreation Center (MPERC)
8:00 – 9:00	Choir Practice	Merillat Centre for the Arts MCA Room 110
8:30 – 9:30	Telescope Viewing (weather permitting)	Observation Deck of the Science Building (3 rd Floor)

Friday, June 3

6am – 10pm	Open gym (Racquetball, Pool, Exercise Equipment) (Show your ACMS Name Tag)	MPERC
7:00 – 7:30	Computer Lab Open	Science 164/166
7:30 – 8:30	Breakfast	HDC lower level
8:30 – 9:00	Informal singing or other music Devotions: Sharon Robbert Welcome & announcements	HDC upper level
9:00 – 10:00	Invited address: Fernando Q. Gouvêa Nicole Oresme and His Mathematics	HDC upper level
10:00 – 10:15	Break with light refreshments	HDC upper level
10:15 – 10:45	Follow up with Fernando Q. Gouvêa	HDC upper level
Contributed Papers / Parallel Sessions		
11:00 – 11:30	Christian Perspectives and Mathematics Dave Klanderma & Jeffrey Barrett (A Christian Constructivist? The Impact of Worldview on Learning Theories and the Mathematics Education Research Community.)	Science 125
11:00 – 11:30	Curricular Issues Roberto Bencivenga (Do Opposites Attract? Innovation at the Two Ends of the Math Teaching Spectrum.)	Science 121
11:00 – 11:30	Just Math! Michael Stob (Is the Continuum Hypothesis True or False?)	Science 122
11:00 – 11:30	Computer Science Derek Schuurman (Artificial Intelligence: Can We Create Machines in Our Own Image?)	Science 124
11:45 – 1:15	Computer Lab Open	Science 164/166
11:45 – 1:15	Lunch	HDC lower level

Contributed Papers / Parallel Sessions

- 1:30 – 3:00 **Christian Perspective and Mathematics** Science 125
- 1:30 PM Saburo Matsumoto (Call for a Non-Euclidean, Post-Cantorian Theology)
- 2:00 PM Tim Rogalski (Blaise Pascal – Mathematician, Mystic, and Disciple)
- 2:30 PM Gene B. Chase (Filtering Spam and Filtering the Bible)
- 1:30 – 3:00 **Curricular Issues** Science 121
- 1:30 PM Darrell E. Allgaier (A Christian Perspective for a First Course in Calculus)
- 2:00 PM Dave Klanderman & Gary Talsma (Writing Math Lessons that Integrate Christian Beliefs: The Kuyers Institute Grant Project)
- 2:30 PM David E. Boliver (Reaching Out to the Entire Campus through Mathematics)
- 1:30 – 3:00 **Just Math!** Science 122
- 1:30 PM David Neuhouser (C. S. Lewis and Mathematics)
- 2:00 PM Jeremy Case (Mathematics on Stage)
- 2:30 PM David Horrocks (Playing Nim on a Simplicial Complex)
- 1:30 – 3:00 **Computer Science** Science 175/177
- 1:30 PM Jeff Lehman (Exploring the World of Knoppix – A tutorial 55 minutes)
- 2:30 PM Cary G. Gray (Technology and Formation: How Does Computing Shape Us?)

3:00 – 4:00	Tour of Science Building	Science Hall Atrium
3:00 – 6:00	Free time	
3:00 – 10:00	Open gym (Racquetball, Pool, Exercise Equipment)	Merillat Physical Education Recreation Center (MPERC)
4:00 – 5:00	Choir Practice	MCA 110
5:00 – 11:00	Computer Lab Open	Science 164/166
6:00 – 6:30	Punch & Reception	HDC upper level
6:30 – 8:00	Banquet	HDC upper level
8:00 – 10:30	Movie & discussion – A Beautiful Mind	Norm’s Place

Saturday, June 4

7:30 – Noon	Computer Lab Open	Science 164/166
7:30 – 8:30	Breakfast	HDC lower level
8:30 – 8:45	Singing and announcements	HDC upper level
8:45 – 9:15	Business Meeting	HDC upper level
9:15 – 10:30	Panel Discussion: James Bradley, Paul Zwier, Jonathan Zderad, Troy Riggs (ACMS & Christian perspective on mathematics)	HDC upper level
10:30 – 11:00	Break with light refreshments	HDC upper level
11:00 – 12:00	Worship Speaker: Patrick Eggleton, Huntington university (Called to wash feet)	HDC upper level
12:00	Conference ends	
Noon to 2:00	Room Check-Out (Check-out will be available all morning as well.)	Roush Hall Lobby

