

"The Christian Mathematician as Teacher"
Tenth Biennial Meeting of the
Association of Christians in the Mathematical Sciences
May 31 - June 3, 1995
Taylor University, Upland, IN

Wednesday, May 31

- 4:00-5:30 Concurrent Sessions:
 Graphic Calculators - Bill Klinger - Taylor University (NS-205)
 Maple-Scientific Workplace - Roger Roth - Taylor University (NS-206)
 Mathematics Lab - Ron Benbow and Mark Colgan - Taylor University (RC 121)
 Computer Science Research - Wally Roth and Bill Toll - Taylor Univ. (NS-003)
- 5:45 Dinner
- 7:00 Welcome (NL-103)
- 7:15-8:45 Concurrent Sessions:
 Same as at 4:00
- 9:00 Reception - Nussbaum Science Center Lobby

Thursday, June 1

- 7:15 Breakfast
- 8:30-8:45 Devotions - Russ Howell - Westmont College (NL-103)
- 8:45-9:45 "Statistics, Mathematics, and Teaching" - David Moore - Purdue University (NL-103)
- 9:45-10:15 Break
- 10:15-11:15 "The Man Who Wrote Flatland: A Multimedia Project" - Tom Banchoff - Brown University (NL-103)
- 11:15-11:45 "Ethical Issues in the Teaching of the History of Mathematics" - Bill Anglin - McGill University (NL-103)
- 12:00 Lunch (Board Meeting)
- 1:30-4:00 Parallel Sessions
- 1:30-2:00 "Constructivism, Mathematics Education, and Christianity - Tad Watanabe - Towson State University (NL-101)
- "Introducing Parallel Processing into the Undergraduate Computer Science Curriculum" - Bill Toll - Taylor University (NL-102)

- 2:00-2:30 "Mathematical and Theological Beliefs: A Cognitive Science Perspective" - Ron Benbow - Taylor University (NL-101)
- "What Does a Computer Program Mean" - Gene Chase - Messiah College (NL-102)
- 2:30 Break
- 3:00-4:00 Panel Discussion: "Teaching the Dreaded Liberal Arts Mathematics Course" - Paul Zwier - Calvin College, Moderator; Mark Colgan - Taylor University; Randy Pruiem - Calvin College; Eric Gossett - Bethel College (NL-101)
- 3:00-3:30 "A Foundational Curriculum for Deductive Mathematics" - Andrew Wohlgemuth - University of Maine (NL-102)
- 3:30-4:00 "Calculus in Context: Experiments with the Laboratory Setting" - Glen Van Brummelen - The King's University College (NL-102)
- 4:00-5:00 Discussion of Faith of a Physicist by John Polkinghorne - Charles Hampton, Leader - College of Wooster (NS-301)
- 5:30 Dinner - Cookout at Taylor Lake
- 7:00-7:30 "Mathematics for Missionaries: The MK Scene" - Bill Ewbank - Taylor University (NL-103)
- 7:30-7:45 "Mathematics in Malawi" - John Dubbey (NL-103)
- 7:45-8:30 "The 25 Greatest Mathematicians" - Robert Brabenec - Wheaton College (NL-103)
- 8:45 Ivanhoe Run

Friday, June 2

- 7:15 Breakfast
- 8:30-8:45 Devotions - Bob Craton - Taylor University (NL-103)
- 8:45-9:15 Business Session (NL-103)
- 9:15-10:15 "Interactive Computer Graphics Lab in Calculus and Geometry" - Tom Banchoff - Brown University (NL-103)
- 10:15 Delegate Photograph
- 10:30-10:45 Break
- 10:45-11:45 "Improving the Teaching of Mathematics" - David Moore - Purdue University (NL-103)
- 12:00 Lunch

- 1:30-2:30 Parallel Sessions
- 1:30-2:00 "On the Miracle of the Loaves and Fishes" - Andrew Simoson - King College (NL-101)
- "A Course in Mathematical Recreations" - Richard Laatsch - Miami University (NL-102)
- 2:00-2:30 "From Data to Models" - Philip Carlson - University of Minnesota (NL-101)
- "The Formation of the American Statistical Community" - Patti Hunter - University of Virginia (NL-102)
- 2:30-3:30 Discussion with Moore and Banchoff (NL-103)
- 3:30-4:00 Break
- 4:00-5:00 Panel Discussion: "Calculus Reform" - Dick Stout, Moderator - Gordon College; Paul Zwier - Calvin College, David Neu - Westmont College (NL-103)
- 6:30-7:00 Reception
- 7:00 Dinner
- "To St. Petersburg with Love" - Mel Moeschberger - Ohio State University

Saturday, June 3

- 7:15 Breakfast
- 8:30-9:00 "World Views and the History of Mathematics" - Johan De Klerk - Potchefstroom University for Christian Higher Education (NL-103)
- 9:00-9:30 "The Value of the History of Mathematics" - John Dubbey (NL-103)
- 9:30-10:00 "Some Surprising Consequences of the Intermediate Value Theorem" - Dale Varberg - Hamline University (NL-103)
- 10:00-10:30 Break
- 10:30-11:30 Worship Service (Smith-Hermanson Music Center Recital Hall)
Millard Showalter - Eastern Mennonite University and David Lay - University of Maryland