

ACMS 2001

Program of Events

Wednesday, May 30

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| 4:00–5:30 | Arrival and Registration in Commons Annex Lobby |
| 5:30–6:15 | Dinner in Commons Dining Hall |
| 7:00 | Welcome |
| 7:20–8:05 | Three Problems from Number Theory
Robert Brabenec, Wheaton College |
| 8:10–8:40 | Parables for Mathematicians
Ashley Reiter, University of Chicago |
| 8:45–9:00 | Mathematics in a Post-Modern Age: A Christian Perspective
James Bradley, Calvin College and Russel Howell, Westmont College |
| 9:00–10:00 | Book Reception |

Thursday, May 31

- 6:30–8:00 **Breakfast** in Commons Dining Hall
- 8:00–9:00 **Registration** in Commons Annex Lobby
- 8:15–8:40 **Informal Singing**
- 8:40–8:50 **Devotions** – Dick Stout, Gordon College
- 8:50–9:00 **Welcome**
- 9:00–10:00 **Invited Lecture**
The Probabilistic Detection of Design
William Dembski, Baylor University
- 10:00–10:40 **Break**
- 10:40–11:10 **Writing to Learn Mathematics: Some Ideas and Strategies**
Dick Stout, Gordon College
- 11:15–11:45 **Mathematics and Study Abroad Trips**
Maria Zack, Point Loma Nazarene University
- 11:45–1:15 **Lunch** in Commons Dining Hall
- 1:15–2:15 **Invited Lecture**
Arrythmias by Dimension
James Keener, University of Utah
- 2:15–2:30 **Break**
- 2:30–3:15 **The Soviet Concept of the Correlation of Forces**
James Bradley, Calvin College
- 3:20–3:50 **College Students Misconceptions of the Graphical Representation of Speed**
Esther Billings, Grand Valley State University; David Klanderma, Trinity
Christian College
- 4:50-5:20 (I) **What Mathematical Paradoxes Teach Us about Paradoxes in Christianity**
Paul Bialek, Trinity International University
- 4:50-5:20 (II) **Two Competing Definitions of Chaos:**
Does Devaney's definition of SDIC imply a positive Lyapunov exponent?
Tim Pennings, Hope College
- 5:25–5:55 (I) **Integration of a Christian perspective in the mathematical sciences**
Johan De Klerk, Potchefstroom University
- 5:25–5:55 (II) **Theism and Mathematical Realism**
John Byl, Trinity Western University
- 7:15 **Banquet**

Friday, June 1

- 6:30–8:00 **Breakfast** in Commons Dining Hall
- 8:15–8:40 **Informal Singing**
- 8:40–9:00 **Devotions** – Wayne Roberts, Macalester College
- 9:00–10:00 **Invited Lecture**
New Directions in Information Theory: From Shannon Information to Specified Complexity
William Dembski, Baylor University
- 10:00–10:40 **Break and Conference Photograph**
- 10:40–11:10 Question and Answer Session with William Dembski
- 11:15–11:45 Mathematics as Worship
David Stucki, Otterbein College
- 11:45–1:15 **Lunch** in Commons Dining Hall
- 1:15–2:15 **Invited Lecture**
Quorum Sensing: How Bacterial Cells Count
James Keener, University of Utah
- 2:15–2:30 **Break**
- 2:30–3:00 Question and Answer session with James Keener
- 3:00–3:40 Biological Contingency
Rebecca Flietstra, Point Loma Nazarene University
- 3:45–4:25 Gravitational Acceleration in Hades
Andrew Simoson, King College
- 4:40–5:10 (I) Arnost Kolman: Marxism, science and the war against Christianity
Charles E. Ford, Saint Louis University
- 4:40–5:10 (II) On the Rank of Apparition of Certain Primes in the Fibonacci Sequence
John Jaroma, Lake Superior State Univeristy
- 5:15–5:45 (I) Scientific freedom and Christianity: Father Florensky and Galileo
Dimitri Bayuk, Institute for History of Science, Moscow
- 5:15–5:45 (II) Periodic points of maps of trees and the expansive property
Fred Worth, Henderson State University
- 6:30–8:00 **Picnic Dinner**
- 8:15–9:15 **River City Improv** in Gezon Auditorium

Saturday, June 2

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| 6:30–8:00 | Breakfast in Commons Dining Hall |
| 8:30–9:00 | Business Meeting |
| 9:15–9:45 | Mathematics Memory Verses: Weekly Devotionals for Math Class
Mark Colgan, Taylor University |
| 9:50–10:40 | Computer Aided Theology?
Harry Plantinga, Calvin College |
| 11:00–12:00 | Worship – Gene Chase, Messiah College |