

14th ACMS Conference Proceedings

Table of Contents

Point Loma Nazarene University University (2003)

Introduction, p. 5

Conference Program p. 7

Invited Address

- Light Meals and Morsels from Mathematics Magazine p. 10
Paul Zorn, St. Olaf College

Christian Perspectives

- Making Connections: Using Analogies to Enrich Understanding of Mathematical Ideas and Biblical Truths p. 17
Ron Benbow, Taylor University
- A Christian Perspective on Mathematics - History of Mathematics and Study Guides p. 27
Johan H. de Klerk, Potchefstroom University
- General-Education Mathematics Course from a Christian Perspective p. 34
Saburo Matsumoto, The Master's College
- Mathematics, Science, and George MacDonald p. 46
David L. Neuhouser, Taylor University
- The Inverse Problem: Christianity through a Mathematical Lens p. 59
Sharon K. Robbert, Trinity Christian College
- Non-Random Equidistant Letter Sequence Extensions in Ezekiel p. 69
Richard E. Sherman, Consulting Actuary and Nathan Jacob, Bar-Ilan University
- Mathematics and the Love of God: An Introduction to the thought of Simone Weil p. 89
Scott Taylor, UCSB
- Creationism - A Viable Philosophy of Mathematics p. 98
Jonathan Zderad, Northwestern College

Talks in Computer Science

- A Christian Appraisal of Stephen Wolfram's A New Kind of Science p. 110
Gene B. Chase, Messiah College
- Artificial Service vs. Artificial Servants p. 120
Wayne Iba, Westmont College
- Men Are From The Server Side, Women Are From The Client Side
- A Biblical Perspective On Men, Women and Computer Science
p. 126
Kim Potter Kihlstrom, Westmont College

Mathematical Gems

- Linear Regression as a 1-Variable Optimization Exercise p. 138
Ken Constantine, Taylor University
- A Pseudo-History of Number Systems (or The Way
Mathematicians Wish the Number Systems Had Been Invented
Because It Makes a More Cohesive Story) p. 142
Richard Laatsch, Miami University (RT)
- Some Fibonacci Gems p. 143
Peter Rothmaler, College of DuPage

Talks in Mathematics

- Mathematical Models and Reality p. 146
John Byl, Trinity Western University
- What is Random Event? A Project for Finite Math or Statistics p.
162
Jeremy Case, Taylor University
- The Search for the Real Josephus Problem p. 66
Eric Gossett, Bethel College
- Slippery Order: Mathematical Alternatives to Blind Chance and
Necessity p. 173
Troy Riggs, Union University
- A Greater Tantalizer p. 178
Andrew Simoson, King College

Talks in Mathematics Education

- Learning To Construct Proofs In A First Course On Mathematical Proof p. 188
Peter R. Atwood, Cornerstone University
- Exploiting the Confidence Interval-Hypothesis Test Equivalence in Basic Statistics Classes p. 197
Ken Constantine, Eastern Nazarene College
- Integrating Laptops into a Mathematics Curriculum p. 201
Dr. Mary Wagner-Krankel, St. Mary's University

Saturday Sermon Text

- SOS Checks and Career Management p. 206
Russell W. Howell, Westmont College

List of Participants p. 211