INTRODUCTION

CONFERENCE SCHEDULE

INVITED PAPERS

  Owen Gingerich, Smithsonian Astrophysical Observatory and Harvard University
- "Hypothesis, Proof, and Censorship or How Galileo Changed the Rules of Science", p.7
  Owen Gingerich, Smithsonian Astrophysical Observatory and Harvard University

PAPERS ON TEACHING

- "A Tale of Two Transitions", p.17
  David Klanderman, Trinity Christian College, Sharon Robbert, Trinity Christian College, and Robert Wheeler, Northern Illinois University
- "An Investigation of the Behavior of Calculus Students Working Collaboratively in an Interactive Software Environment", p.31
  Angela Hare, Messiah College
- "Teaching Generalization and Reduction through an Elementary Probability Problem", p.51
  Erlan Wheeler, Carthage College

PAPERS WITH AN INTEGRATIVE THEME

- "The Mathematical Sciences and the Mediator of Creation", p.56
  W. David Laverell, Calvin College
- "The Role of Mathematics in Culture", p.66
  W. James Bradley, Calvin College
- "Mathematics and Values: Can Philosophy Guide Projects?", p.76
  Michael H. Veatch, Gordon College
• "Solomon’s Sea and the Biblical II", p.91
  Andrew Simoson, King College

• "Mathematics at Chartres Cathedral", p.100
  Richard Stout, Gordon College

PAPERS OF A TECHNICAL NATURE

• "Fractal Geometry and Chaos Theory: From Old Problems to New Models and Methods", p.105
  Terence Perciante, Wheaton College

• "Hyperbolic Geometry with the Geometer's Sketchpad", p.116
  Robert Frank, Seton Hill College

• "On Binary Quadratic Forms", p.135
  Alain Togbe, University Laval (Quebec)

• "Digital Filtering and Smoothing", p.146 Eric Gossett, Bethel College

• "Exploring Various Methods of Interpolation", p.163
  Mark Roberts, Southwest Baptist University

• "Using Java and HTML for Linear Algebra Instruction", p.177
  Jonathan R. Senning, Gordon College, page 177

PAPERS WITH AN HISTORICAL THEME

• "History and Current Situation of the Russian Church", p.185
  Gennadiy A. Kalyabin, Samara State Aerospace University

• "First Draft of the History of ACMS", p.196
  Robert Brabenec, Wheaton College

LIST OF CONFERENCE DELEGATES, p.201

CONFERENCE PHOTOGRAPHS, p.205