President
O. E. Wheeler
Herff College of Engineering
Memphis State University
Memphis, Tennessee 38152

Past President
Manuel W. Milligan
Mechanical Engineering Department
University of Tennessee-Knoxville
Knoxville, Tennessee 37916

Vice President-Admin Unit
Ronald B. Cox
Dean, Engineering
University of Tennessee-Chattanooga
Chattanooga, Tennessee 37403

Vice President-Instr Unit
Charles V. Knight
Mechanical Engineering
University of Tennessee-Chattanooga
Chattanooga, Tennessee 37433

Chairman Mechanical Engr Division
Robert L. Young
Mechanical Engineering
University of Tennessee
Space Institute
Tullahoma, Tennessee 37388

Chairman Engr Graphics Division
William J. Vanderwall
Professor
North Carolina State University
Raleigh, North Carolina 27695

Chairman Engr Technology Division
William W. Medaris
Associate Professor
Western Carolina University
Cullowhee, North Carolina 28723

Proceedings Editor
Joseph M. Biedenbach
Director-Continuing Engr Education
College of Engineering
University of South Carolina
Columbia, South Carolina 29208

President of Host Institution
Stephen R. Chesher
Southern College of Technology
1112 Clay Street
Marietta, Georgia 30060

Council of Sections Zone II Chairman
Don L. Dekker
Mechanical Engineering Department
Rose-Hulman Institute of Technology
Terre Haute, Indiana 47803

Newsletter Editor
Charles R. Cozzens
Associate Dean
Memphis State University
Memphis, Tennessee 38152

Arrangements Chairman-Host Institution
Harris T. Travis-Vice President
Sam J. Baker-Exeq. Asst. to Pres.
Southern College of Technology
1112 Clay Street
Marietta, Georgia 30060
(404) 424-7230

THE SOUTHERN COLLEGE OF TECHNOLOGY
Marietta, Georgia

WELCOMES

1987 ASEE SOUTHEASTERN SECTION MEETING
April 12-14, 1987
TUESDAY, APRIL 14, 1987

SESSION 7—A, B, C, D, E, & F:
7:30 — 9:00 a.m. DIVISION BREAKFAST AND BUSINESS MEETINGS—Southern Tech Student Center Conference Rooms

7A Graphics Design Division
William J. Vanderwall
North Carolina State University

7B Mechanical Engineering Division
Robert L. Young
University of Tennessee Space Institute

7C Engineering Technology Division
William W. Medaris
Western Carolina University

7D Civil Engineering Division
Edwin P. Foster
University of Tennessee at Chattanooga

7E Industrial Engineering Division
S. Michael Wells
Tennessee Technological University

7F Mechanics Division
Gene W. Hemp
University of Florida

SESSION 8—A, B, & C:
9:00 — 10:15 a.m. DIVISION PROGRAMS—Student Center Conference Rooms

8A Mechanical Engineering Division
Moderator: Joe Scardina
Professor
Tennessee Technological University

8B Engineering Design Graphics Division
Moderator: William J. Vanderwall
Professor, Graphics Communications
North Carolina State University

8C Civil and Industrial Divisions
Co-chairman: Edwin P. Foster
Professor / Director of Civil, Industrial, and Engineering Management
University of Tennessee at Chattanooga
S. Michael Wells
Professor, Basic Engineering
Tennessee Technological University

SESSION 9:
10:45 — Noon GENERAL SESSION—Burress Auditorium
Sponsored by the Administrative and Research Units and Mechanics Division
Moderator: Ronald B. Cox
Dean of Engineering
University of Tennessee at Chattanooga

SESSION 10:
Noon — 1:30 p.m. ANNUAL BUSINESS MEETING AND LUNCH—Student Center Presiding: O. E. Gene Wheeler
President, ASPE/SE
Dean of Engineering
Memphis State University

SESSION 11:
1:30 — 2:45 p.m. OPTIONAL TOUR OF THE LOCKHEED-GEORGIA FACILITIES
(U.S. Citizens only)

“DESIGNING LABS FOR LEARNING OR TRAINING”
Lee Harrisberger
Professor and Head, Mechanical Engineering
University of Alabama

“COMPUTER LABORATORY METHODS SOLVE EXISTING BUSINESS PROBLEMS”
C. Clinton Strange
Assistant Professor, Engineering Technology
University of Central Florida

“LINEAR PROGRAMMING SENSITIVITY ANALYSIS AIDS IN DISTINCTION BETWEEN SYSTEM SPECIFICATION AND DESIGN”
—SOFTWARE EXCHANGE—
Robert G. Batson
Assistant Professor, Industrial Engineering
University of Alabama

“POINT GENERATION: A PROGRAMMED LOGIC FOR TEACHING OPERATION (PLATO) TUTORIAL”
Walter E. Rodriguez-Ramos
Professor, Civil Engineering
Georgia Institute of Technology

“INTERSITE COMPUTER GRAPHICS AT THE SENIOR / GRADUATE LEVEL”
Vera B. Anand
Professor / Coordinator Engineering Graphics
Clemson University

“INTEACTIVE COMPUTER GRAPHICS AT THE SENIOR/GRADUATE LEVEL”
Vera B. Anand
Professor / Coordinator Engineering Graphics
Clemson University

“TECHNIQUES USED IN STRUCTURAL MODELS LABS”
Dewey Deason
Professor, Civil Engineering
Tennessee Technological University

“LAB USE IN SOPHOMORE AND SENIOR DESIGN PROJECTS”
Bob Wynn and Ed McMahon
Associate Professors, School of Engineering
University of Tennessee at Chattanooga