

THURSDAY SESSIONS

Session T1A: Workshop - Implementing the Design Your Process of Becoming a World Class Engineering Student Project

Chair: Raymond B. Landis, California State University

Time: Thursday August 8, 8:30 a.m. - 10:00 a.m.

Benedum Hall 309

WORKSHOP A - IMPLEMENTING THE "DESIGN YOUR PROCESS OF BECOMING
A WORLD CLASS ENGINEERING STUDENT" PROJECT

STEFFEN PEUKER AND RAYMOND B. LANDIS 1

Session T1B: Workshop - Strategies to Enhance Engineering Education at Small Colleges

Chair: Benjamin R. Campbell, Robert Morris University

Time: Thursday August 8, 8:30 a.m. - 10:00 a.m.

Benedum Hall 318

WORKSHOP B - STRATEGIES TO ENHANCE ENGINEERING
EDUCATION AT SMALL COLLEGES

BENJAMIN CAMPBELL AND SUSHIL ACHARYA 1

Session T1C: Workshop - Developing a Classification Scheme for Introduction to Engineering Courses

Chair: Kenneth Reid, Ohio Northern University

Time: Thursday August 8, 8:30 a.m. - 10:00 a.m.

Benedum Hall 319

WORKSHOP C - DEVELOPING A CLASSIFICATION SCHEME FOR
"INTRODUCTION TO ENGINEERING" COURSES

KENNETH REID, TAMARA KNOTT, ELIZABETH SPINGOLA AND DAVID REEPING 1

Session T1D: Workshop - Planting the SEED for Success: Easing Transitions through Living & Learning Communities

Chair: Tamara Fuller, The University of Maryland - College Park

Time: Thursday August 8, 8:30 a.m. - 10:00 a.m.

Benedum Hall 320

WORKSHOP D - PLANTING THE SEED FOR SUCCESS: EASING
TRANSITIONS THROUGH LIVING & LEARNING COMMUNITIES

TAMARA FULLER 2

Session T2A: Focus Workshop - First-Year Engineering Programs

Chair: Kerry Meyers, Youngstown State University

Time: Thursday August 8, 10:30 a.m. - Noon

The University Club Ballroom B

FOCUS WORKSHOP - FIRST-YEAR ENGINEERING PROGRAMS

KERRY MEYERS, MATTHEW OHLAND AND KENNETH REID 2

Session T2B: Keynote Lunch

Chair: Teri Reed-Rhoads, Texas A&M University

Time: Thursday August 8, Noon - 1:30 p.m.

The University Club Ballroom B

LUNCHEON KEYNOTE - CHANGING MANY CONVERSATIONS

TERI REED-RHOADS 2

Session T3A: Roundtable Discussions

Chair: See Program Book, See Program Book

Time: Thursday August 8, 1:30 p.m. – 3:00 p.m.

See Program Book

Session T4A: First Year Engineering: Understanding our Students

Chair: Stephen H. Carr, Assoc. Dean for Undergraduate Engineering, Northwestern University

Time: Thursday August 8, 3:15 p.m. - 5:00 p.m.

Benedum Hall 309

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SUSAN K. DONOHUE 3

COMBINING ASSESSMENT WITH THE EXPERIENTIAL ENGINEERING EDUCATION

ROBERT (BOB) PIERI, JOSH MATTES, ANN VALLE, TIM LEGG AND MARIE BAKER 3

DESIGN OF A 1ST YEAR ENGINEERING TRANSFER PROGRAM: CREATING A SUSTAINABLE LEARNING ENVIRONMENT FOR STUDENT SUCCESS

SHELLEY LORIMER, JEFFREY A. DAVIS AND KEN R. FYFE 4

Session T4B: University STEM and Pre-College Programs

Chair: John Uhran, University of Notre Dame

Time: Thursday August 8, 3:15 p.m. - 5:00 p.m.

Benedum Hall 318

AN ENGINEERING EDUCATION INITIATIVE: DEVELOPMENT OF A STEM MATHEMATICS TEXTBOOK

DAVID REEPING AND KENNETH REID 4

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Chair: Kathleen Ossman, University of Cincinnati

Time: Thursday August 8, 3:15 p.m. - 5:00 p.m.

Benedum Hall 319

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Chair: Jody Hamabata, Cal Poly Pomona

Time: Thursday August 8, 3:15 p.m. - 5:00 p.m.

Benedum Hall 320

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FRIDAY SESSIONS

Session F1A: First-Year Engineering Teaching and Administration Approaches

Chair: Helen Oloroso - Assistant Dean, Northwestern University

Time: Friday August 9, 8:30 a.m. - 10:15 a.m.

Benedum Hall 309

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Chair: John Uhran, University of Notre Dame

Time: Friday August 9, 8:30 a.m. - 10:15 a.m.

Benedum Hall 318

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Chair: Dan Budny, University of Pittsburgh

Time: Friday August 9, 8:30 a.m. - 10:15 a.m.

Benedum Hall 319

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Chair: Ashish D. Borgaonkar, New Jersey Institute of Technology

Time: Friday August 9, 8:30 a.m. - 10:15 a.m.

Benedum Hall 320

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Chair: Lorelle A Meadows, University of Michigan

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The University Club Ballroom B

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Session F3A: Diversity Issues in the First Year

Chair: Kris Craven, Tennessee Tech University

Time: Friday August 9, 1:30 p.m. - 3:00 p.m.

Benedum Hall 309

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Chair: John Schneider, Digilent, Inc.

Time: Friday August 9, 1:30 p.m. - 3:00 p.m.

Benedum Hall 318

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Chair: Susan K. Donohue, University of Virginia

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Benedum Hall 319

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Chair: Sara Atwood, Elizabethtown College

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Benedum Hall 320

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Session F4A: Research on First-Year Engineering Courses 2

Chair: Ryan Munden, Fairfield University

Time: Friday August 9, 3:30 p.m. - 5:00 p.m.

Benedum Hall 309

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Chair: Jim Orbison, Bucknell University

Time: Friday August 9, 3:30 p.m. - 5:00 p.m.

Benedum Hall 318

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Chair: Shelley Lorimer, MacEwan University

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Benedum Hall 319

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Chair: Dan Budny, University of Pittsburgh**

Time: Friday August 9, 3:30 p.m. - 5:00 p.m.

Benedum Hall 320

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