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Technical Sessions Table of Contents

Wednesday, October 18th

IA: Engineering Education Funding at the National Science Foundation

1:00 PM – 4:00 PM

Room: Santa Fe

ENGINEERING EDUCATION FUNDING AT THE NATIONAL SCIENCE FOUNDATION.....1

Elliot Douglas (National Science Foundation, USA)

Abiodun Ilumoka (National Science Foundation, USA)

Heather Watson (National Science Foundation, USA)

IB: Ready, Set, Change! Using Buy In Strategies to Prepare Faculty for Change

1:00 PM – 4:00 PM

Room: Marriott 3

READY, SET, CHANGE! USING BUY IN STRATEGIES TO PREPARE FACULTY FOR CHANGE.....N/A

Eva Andrijcic (Rose-Hulman Institute of Technology, USA)

Ella L Ingram (Rose-Hulman Institute of Technology, USA)

Matthew Lovell (Rose-Hulman Institute of Technology, USA)

Julia Williams (Rose-Hulman Institute of Technology, USA)

IC: Remote laboratory exercises and tutorials for spectrum-agile radio frequency systems

1:00 PM – 4:00 PM

Room: Marriott 4

REMOTE LABORATORY EXERCISES AND TUTORIALS FOR SPECTRUM-AGILE RADIO FREQUENCY SYSTEMS.....N/A

Carl B. Dietrich (Virginia Tech, USA)

Richard Goff (Virginia Tech, USA)

Nicholas Polys (Virginia Tech, USA)

Vuk Marojevic (Virginia Tech, USA)

R. Michael Beuhrer (Virginia Tech, USA)

Xavier Gomez (Virginia Tech, USA)

Seungmo Kim (Virginia Tech, USA)

Ali Gaber Mohamed Ali (Virginia Tech, USA)

Joshua Garcia-Sheridan (Virginia Tech, USA)

ID: Project-Enhanced Active Learning Throughout STEM Curricula

1:00 PM – 4:00 PM

Room: Lincoln

PROJECT-ENHANCED ACTIVE LEARNING THROUGHOUT STEM CURRICULA.....N/A

Razi Nalim (Indiana University, USA)

Peter Orono (Indiana University, USA)

2A: SMART START: Designing Impact-Driven Projects

5:00 PM – 8:00 PM

Room: Santa Fe

SMART START: DESIGNING IMPACT-DRIVEN PROJECTS.....5

Karl Smith (University of Minnesota & Purdue University, USA)

Rocio C. Chavela Guerra (American Society for Engineering Education, USA)

Russell Korte (George Washington University, USA)

2B: Increase Your Project's Success Through Coordinated Communication: Research and Practice

5:00 PM – 8:00 PM

Room: Marriott 3

INCREASE YOUR PROJECT'S SUCCESS THROUGH COORDINATED COMMUNICATION: RESEARCH AND PRACTICE.....7

Ella L Ingram (Rose-Hulman Institute of Technology, USA)

Elizabeth Litzler (University of Washington, USA)

Beena Sukumaran (Rowan University, USA)

Tiago Forin (Rowan University, USA)

2C: Using CourseNetworking to enhance Student Engagement Outside the Classroom

5:00 PM – 8:00 PM

Room: Marriott 4

USING COURSENETWORKING TO ENHANCE STUDENT ENGAGEMENT OUTSIDE THE CLASSROOM.....N/A

Rebecca Lindell (Tiliadal STEM Education, USA)

Andrew Gavrin (IUPUI, USA)

2D: Building Your Team of Change Champions

5:00 PM – 8:00 PM

Room: Lincoln

BUILDING YOUR TEAM OF CHANGE CHAMPIONS.....9

Jennifer Karlin (Mainely Kaizen, LLC, USA)

Cheryl Allendoerfer (University of Washington, USA)

Dan Ewert (North Dakota State University, USA)

Rebecca Bates (Minnesota State University, Mankato, USA)

Ron Ulseth (Iron Range Engineering & Itasca Community College & Aalborg University, USA)

Thursday, October 19th

TIC: Learning Platforms, Apps & Education Technologies

8:30 AM - 10:00 AM

Room: Marriott 1

ENTREPRENEURIAL MINDED LEARNING IN APP DEVELOPMENT COURSES.....12

Matthew R Boutell (Rose-Hulman Institute of Technology, USA)

David Fisher (Rose-Hulman Institute of Technology, USA)

SIGNAL PROCESSING AND MACHINE LEARNING CONCEPTS USING THE REFLECTIONS ECHOLOCATION APP.....20

Mahesh Banavar (Clarkson University, USA)

Houchao Gan (Clarkson University, USA)

Benjamin Robistow (Clarkson University, USA)

Andreas Spanias (ASU / SenSIP Center / School of ECEE, USA)

SIMVASCULAR AS AN INSTRUCTIONAL TOOL IN THE CLASSROOM.....25

Craig J. Goergen (Purdue University, USA)

Shawn C. Shadden (University of California, Berkeley, USA)

Alison L. Marsden (Stanford University, USA)

PERSUASIVE TECHNOLOGY: APPLICATIONS IN EDUCATION.....29

Sam Devincenzi (FURG, Brazil)

Viviani Kwecko (FURG, Brazil)

Fernando Pereira de Tolêdo (Furg, Brazil)

F. Mota (Universidade Federal do Rio Grande, Brazil)

J. Casarin (Universidade Federal do Rio Grande, Brazil)

S. Botelho (FURG, Brazil)

TID: Game-based Teaching & Learning I

8:30 AM - 10:00 AM

Room: Marriott 2

BEGINNING TO UNDERSTAND VARIATION IN TEACHING APPROACHES TO GAME-BASED LEARNING.....36

John R Morelock (Virginia Tech, USA)

Holly Matusovich (Virginia Tech, USA)

A SERIOUS GAME TO SUPPORT THE DRUG MISUSE PREVENTION FOR TEENAGERS STUDENTS.....41

Eduardo Damasceno (Universidade Tecnológica Federal do Paraná, Brazil)

Paulo Nardi (UTFPR, Brazil)

Adriane Silva (Univeridade Tecnologica Federal do Paraná & UTFPR, Brazil)

Alexandre L'Erario (Universidade Tecnológica Federal do Paraná, Brazil)

DATARPG: IMPROVING STUDENT MOTIVATION IN DATA SCIENCE THROUGH GAMING ELEMENTS.....47

Azim Abdool (The University of the West Indies, Trinidad and Tobago)

Daniel Ringis (The University of the West Indies, Trinidad and Tobago)

Aniel Maharajh (The University of The West Indies, Trinidad and Tobago)

Lynda Sirju (University of the West Indies, Trinidad and Tobago)

Hannah Abdool (University of the West Indies, Trinidad and Tobago)

PLACATING PLATO WITH PLATES OF PASTA: AN INTERACTIVE TOOL FOR TEACHING THE DINING PHILOSOPHERS PROBLEM..... 52

Justin DeBenedetto (University of Notre Dame, USA)
Stephen Hutt (University of Notre Dame, USA)
Louis Faust (University of Notre Dame, USA)
Anqing Liu (University of Notre Dame, USA)
Nathaniel Kremer-Herman (University of Notre Dame, USA)

TIE: Educational Frameworks and Curricula Development for ECE, CS and IS Programs

8:30 AM - 10:00 AM

Room: Marriott 3

USING THRESHOLD CONCEPTS TO RESTRUCTURE AN ELECTRICAL AND COMPUTER ENGINEERING CURRICULUM: TROUBLESOME KNOWLEDGE IN EXPECTED OUTCOMES..... 61

David Reeping (Virginia Tech, USA)
Lisa D. McNair (Virginia Tech, USA)
Matthew Wisnioski (Virginia Tech, USA)
Annie Patrick (Virginia Tech, USA)
Thomas L. Martin (Virginia Tech, USA)
Luke Lester (Virginia Tech, USA)
Benjamin Knapp (Virginia Tech, USA)
Steve Harrison (Virginia Tech, USA)

AN OVERVIEW OF THE MICROETHICS AND MACROETHICS EDUCATION OF COMPUTING STUDENTS IN THE UNITED STATES..... 70

Angela Bielefeldt (University of Colorado Boulder, USA)
Madeline Polmear (University of Colorado at Boulder, USA)
Daniel Knight (University of Colorado Boulder, USA);
Chris Swan (Tufts University, USA)
Nathan Canney (Seattle University, USA)

DESIGN AND IMPLEMENTATION OF AN ENTERPRISE INTEGRATED PROJECT ENVIRONMENT: EXPERIENCE FROM AN INFORMATION SYSTEMS PROGRAM..... 79

Venky Shankararaman (Singapore Management University & School of Information Systems, Singapore)
Swapna Gottipati (Singapore Management University, Singapore)

INTEGRATING NEMS/MEMS WITH IOT APPLICATIONS INTO AN INNOVATIVE ECE SENIOR ELECTIVE COURSE.....88

Mohamed El-Sharkawy (Purdue School of Engineering and Technology, USA)
Seemeein Shayesteh (IUPUI, USA)
Maher Rizkalla (Indiana University-Purdue University Indianapolis, USA)

TIF: Improving and Assessing Communication Skills

8:30 AM - 10:00 AM

Room: Marriott 4

IMPROVING COMMUNICATION IN MULTICULTURAL TEAMS - A WEB-BASED MODEL AND ITS APPLICATION IN PROJECT MANAGEMENT EDUCATION..... 93

Renate Motschnig (University of Vienna & Faculty of Computer Science, Austria)
Seyhan Güver (University of Vienna, Austria)

DEVELOPMENT OF A METHOD TO STUDY REAL-TIME ENGINEERING WRITING PROCESSES.....102

Catherine Berdanier (The Pennsylvania State University, USA)
Natascha Trellinger (Purdue University, USA)

USING PRACTICE ARCHITECTURES TO INVESTIGATE THE INVISIBILITY OF WRITING PRACTICES IN THE ENGINEERING CURRICULUM.....111

Rosalie J Goldsmith (University of Technology Sydney, Australia)
Keith Willey (University of Sydney, Australia)

THE EFFICACY OF HARTLEY'S "STRUCTURED FORMAT" IN THE TEACHING AND ASSESSMENT OF ABSTRACT WRITING.....117

Cathy-Ann Radix (The University of the West Indies at St. Augustine, Trinidad and Tobago)
Crista Mohammed (The University of the West Indies, Trinidad and Tobago)

TIG: Diversity and Inclusivity I

8:30 AM - 10:00 AM

Room: Marriott 7

ASSESSING STUDENTS' HIGHER EDUCATION PERFORMANCE IN MINORITY AND NON-MINORITY SERVING UNIVERSITIES.....123

Sharareh Kermanshachi (University of Texas at Arlington, USA)
Elnaz Safapour (University of Texas at Arlington, USA)

A DIVERSITY LENS ON THE LAST DECADE OF THE FIE CONFERENCE: ROLE MODELS FOR THE ENGINEERING COMMUNITY.....129

Virginia Grande (Uppsala University, Sweden)
Mats Daniels (Uppsala University, Sweden)

PEOPLE LIKE ME: INCREASING LIKELIHOOD OF SUCCESS FOR UNDERREPRESENTED MINORITIES IN STEM BY PROVIDING REALISTIC AND RELATABLE ROLE MODELS.....137

Nir Aish (Bucknell University, USA)
Philip Asare (Bucknell University, USA)
Elif Eda Miskioglu (Bucknell University, USA)

BUILDING A COMPETITIVE STEM-C WORKFORCE IN A MINORITY SPANISH INSTITUTION.....141

Juan Arratia (Ana G. Méndez University System, USA)
Iva Bojic (Massachusetts Institute of Technology, USA)
Vedran Podobnik (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia)

TIH: Educational Research - Scale Development

8:30 AM - 10:00 AM

Room: Marriott 8

THE DEVELOPMENT PROCESS FOR A NEW MATERIALS SCIENCE CONCEPTUAL EVALUATION.....145

Rebecca Rosenblatt (Illinois State University, USA)
Andrew F Heckler (Ohio State University, USA)

PROPOSAL OF AN INSTRUMENT FOR MEASURING SITUATIONAL MOTIVATION WITH POTENTIAL APPLICATIONS IN EDUCATIONAL CONTEXTS.....154

F. Mota (Universidade Federal do Rio Grande, Brazil)
Hendry Ferreira Chame (FURG, Brazil)
Fernando Pereira de Tolêdo (Furg, Brazil)
Viviani Kwecko (FURG, Brazil)
S. Botelho (FURG, Brazil)

THE ENGINEERING STUDENT IDENTITY SCALE: A CROSS DISCIPLINARY EXPLORATION OF FACTOR STRUCTURE.....160

Nicholas Curtis (James Madison University, USA)
Olga Pierrakos (National Science Foundation & James Madison University, USA)
Robin Anderson (James Madison University, USA)

DEVELOPING A CONCEPT INVENTORY FOR COMPUTER SCIENCE 2.....165

Lea Wittie (Bucknell University, USA)
Anastasia Kurdia (Tulane University, USA)
Meriel Huggard (Trinity College Dublin, Ireland)

TIJ: Approaches to Learning I

8:30 AM - 10:00 AM

Room: Marriott 9

STIMULATING CURIOSITY AND THE ABILITY TO FORMULATE TECHNICAL QUESTIONS IN AN ELECTRIC CIRCUITS COURSE USING THE QUESTION FORMULATION TECHNIQUE (QFT).....169

Heath J. LeBlanc (Ohio Northern University, USA)
Kundan Nepal (University of St. Thomas, USA)
Greg Mowry (University of St. Thomas, USA)

CONDUCTING A SOCIAL CONSTRUCTIVIST EPISTEMOLOGY FOR STUDENTS OF COMPUTING DISCIPLINES.....175

Ankur Chattopadhyay (University of Wisconsin - Green Bay (UWGB), USA)
Brennen Frisque (University of Wisconsin- Green Bay, USA)

VISUALIZATION AIDS FOR ABSTRACT CONCEPTS TOWARDS BETTER LEARNING OUTCOMES.....183

Kyung Min (Iowa State University, USA)
John Jackman (Iowa State University, USA)
Michelle Zugg (Iowa State University, USA)

RETRIEVAL PRACTICE AND SPACING IN AN ENGINEERING MATHEMATICS CLASSROOM: DO THE EFFECTS ADD UP?.....188

Campbell Bego (University of Louisville & J. B. Speed School of Engineering, USA)
Keith Lyle (University of Louisville, USA)
Patricia Ralston (University of Louisville Speed School of Engineering, USA)
Jeffrey Hieb (University of Louisville Speed School of Engineering, USA)

TIJ: Approaches to Learning & Teaching Programming

8:30 AM - 10:00 AM

Room: Marriott 10

LEARNING STYLES OF COMPUTER SCIENCE I STUDENTS.....193

Amruth N. Kumar (Ramapo College of New Jersey, USA)

LEARNING STYLES IN PROGRAMMING EDUCATION: A SYSTEMATIC MAPPING STUDY.....199

Mirna Maia (Federal University of Campina Grande, Brazil)
Dalton Serey (Ufcg, Brazil)
Jorge Abrantes (Ufcg, Brazil)

UNEXPECTED STUDENT BEHAVIOUR AND LEARNING OPPORTUNITIES: USING THE THEORY OF PLANNED BEHAVIOUR TO ANALYSE A CRITICAL INCIDENT.....206

Åsa Cajander (Uppsala University, Sweden)
Mats Daniels (Uppsala University, Sweden)
Diane Golay (Uppsala University, Sweden)
Roger McDermott (Robert Gordon University, United Kingdom (Great Britain))
Jonas Moll (Uppsala University, Sweden)
Aletta Nylén (Uppsala University, Sweden)
Arnold N Pears (Uppsala University & Royal Institute of Technology (KTH), Sweden)
Anne-Kathrin Peters (Uppsala University, Sweden)

UNDERSTANDING THE RELATIONSHIPS BETWEEN SELF-REGULATED LEARNING AND STUDENTS SOURCE CODE IN A COMPUTER PROGRAMMING COURSE.....214

Hugo Castellanos (Universidad Nacional de Colombia, Colombia)
Felipe Restrepo-Calle (Universidad Nacional de Colombia, Colombia)
Jhon Jairo Ramirez Echeverry (Universidad Nacional de Colombia, Colombia)
Fabio Gonzalez (Universidad Nacional de Colombia, Colombia)

T2C: Panel: Supporting Student Career Development of Undergraduate Engineering

10:30 AM - 12:00 PM

Room: Marriott 1

SUPPORTING STUDENT CAREER DEVELOPMENT OF UNDERGRADUATE ENGINEERING.....223

Jinny Rhee (San Jose State University, USA)
Sheri Sheppard (Stanford University, USA)
Samantha Brunhaver (Arizona State University, USA)
Cheryl Carrico (Virginia Tech, USA)
Ruth Streveler (Purdue University, USA)

T2D: Game-based Teaching & Learning II

10:30 AM - 12:00 PM

Room: Marriott 2

GAME BASED LEARNING IN IMPROVING STUDENTS' DERIVATIVE CALCULATION SKILLS.....225

Weiwei Zhu (University of Maryland Eastern Shore, USA)
Lei Zhang (University of Maryland Eastern Shore, USA)
Willie L. Brown, Jr (University of Maryland Eastern Shore, USA)
Edward Peterson (University of Maryland Eastern Shore, USA)
Rakesh Joshi (Uni. of Maryland Eastern Shore, USA)

EDUCATIONAL GAMES: A CONTRIBUTION TO SOFTWARE TESTING EDUCATION.....231

Pedro Henrique Dias Valle (University Of São Paulo, Brazil)
Armando Maciel Toda (Universidade de São Paulo, Brazil)
Ellen Barbosa (University of São Paulo, Brazil)
José Maldonado (University of São Paulo, Brazil)

THE POWER OF THE GAME AS A MEDIATOR TOOL PARADIGM OF OBJECT ORIENTED TEACHING-LEARNING PROCESS.....N/A

Eder Diego de Oliveira (UEL, Brazil)
Murilo Crivellari (Universidade Estadual de Londrina, Brazil)
Cinthyan Barbosa (UEL, Brazil)
Jacques Duílio Brancher (Universidade Estadual de Londrina, Brazil)
Vanessa Tavares de Oliveira Barros (UEL, Brazil)
Rodolfo Miranda de Barros (Universidade Estadual de Londrina, Brazil)

EXPLORATION OF AFFORDANCES OF VISUO-HAPTIC SIMULATIONS TO LEARN THE CONCEPT OF FRICTION.....239

Tugba Yuksel (Purdue University, USA)
Yoselyn Walsh (Purdue University, USA & Costa Rican Institute of Technology, Costa Rica)
Vojtech Krs (Purdue University, USA)
Bedrich Benes (Purdue University, USA)
Ida Ngambeki (Purdue University, USA)
Edward Berger (Purdue University, USA)
Alejandra J. Magana (Purdue University, USA)

T2E: Face-to-Face and Remote Laboratories

10:30 AM - 12:00 PM

Room: Marriott 3

REMOTE ROBOTICS LABORATORY AS SUPPORT TO TEACHING PROGRAMMING.....248

Thais Almeida (Federal University of Roraima, Brazil)

José Francisco Magalhães, Netto (Federal University of Amazonas, Brazil)

Marcel L. Rios (Federal Institute of Rondônia, Brazil)

IMPLEMENTATION OF CLOUD-BASED SMART ADAPTIVE REMOTE LABORATORIES FOR EDUCATION.....254

Luis Felipe Zapata Rivera (Florida Atlantic University, USA)

Maria M. Larrondo Petrie (Florida Atlantic University, USA)

Leonardo Ribeiro da Silva (Centro Universitário Salesiano de São Paulo, Brazil)

APPLYING A COMMON FRAMEWORK TO DEVELOP UNDERGRADUATE CONTROL SYSTEMS LABORATORY KITS.....259

Rebecca Reck (Kettering University & University of Illinois at Urbana-Champaign, USA)

FLIPPED CLASSROOM INSTRUCTION USING VIRTUAL SIMULATION LABORATORY.....N/A

Janardhanan Gangathulasi (National Institute of Technical Teachers Training and Research Chennai, India)

T2F: Design, Design Thinking and Open-Ended Projects I

10:30 AM - 12:00 PM

Room: Marriott 4

CAPSTONE DESIGN PROJECTS AS FOUNDATION FOR A SOLAR COMMUNITY.....267

Efraín O'Neill-Carrillo (University of Puerto Rico-Mayaguez, Puerto Rico)

Ruth Santiago (Comité Dialogo Ambiental, Inc. & Iniciativa de Ecodesarrollo de Bahía de Jobs, Inc.)

Zuleyka Mendez (University of PR-Mayaguez, Puerto Rico)

Hugo Vega (University of PR-Mayaguez, Puerto Rico)

Joshua Mussa (University of PR-Mayaguez, Puerto Rico)

Javier Rentas (University of PR-Mayaguez, Puerto Rico)

PRACTICAL SKILLS AND DESIGN: A MAKER COURSE FOR ECE STUDENTS.....276

Bonnie Ferri (Georgia Institute of Technology, USA)

Kevin Pham (Georgia Tech, USA)

James Steinberg (Georgia Institute of Technology, USA)

Westin Williams (Georgia Institute of Technology, USA)

Kevin Ferri (Georgia Institute of Technology, USA)

AN ANALYSIS OF KANBAN AS A PROJECT MONITORING TOOL IN UNDERGRADUATE COURSES.....285

Heydi Miura Machado (Federal University of Technology - Paraná, Brazil)

Alexandre L'Erario (Federal University of Technology - Paraná)

Alessandro Duarte (Federal University of Technology - Paraná, Brazil)

CONNECTIONS AND DISTINCTIONS: PERSPECTIVES ON DESIGN ACTIVITY FROM INDUSTRIAL DESIGN AND ELECTRICAL ENGINEERING.....291

Mani Mina (Iowa State University, USA)

Melissa Rands (Minneapolis College of Art and Design, USA)

David Ringholtz (Iowa State University, USA)

T2G: Diversity and Inclusivity II

10:30 AM - 12:00 PM

Room: Marriott 7

COMPUTING GENDER WARS - A NEW HOPE.....296

Aidan McGowan (Queen's University Belfast, United Kingdom (Great Britain))

Philip Hanna (Queen's University Belfast, USA)

Neil Anderson (Queen's University Belfast, United Kingdom (Great Britain))

USING CONCEPT MAPPING TO DEVELOP INCLUSIVE CURRICULUM.....304

Stephanie Farrell (Rowan University, USA)

Cheryl Bodnar (Rowan University, USA)

Tiago Forin (Rowan University, USA)

REFLECTIONS ON THE MESSINESS OF INITIATING A SYSTEMATIC LITERATURE REVIEW ON BROADENING PARTICIPATION IN ENGINEERING AND COMPUTER SCIENCE.....307

Canek M. L. Phillips (Rice University, USA)

Jeremi London (Arizona State University, USA)

Walter C. Lee (Virginia Tech, USA)

Amy S Van Epps (Purdue University, USA)

Bevlee Watford (Virginia Tech, USA)

ENCOURAGING THE DIVERSITY OF GRADUATE STUDENTS IN TECHNOLOGY.....314

Anne M Lucietto (Purdue University, USA)

Helen McNally (Purdue University, USA)

T2H: Using an Educational Research Approach I

10:30 AM - 12:00 PM

Room: Marriott 8

EDUCATIONAL EFFECTS OF THE MANGA CASE METHOD IN ONLINE AND OFFLINE ENVIRONMENTS.....319

Satoshi Takahashi (Tokyo University of Science, Japan)

Toru Takahashi (Tokyo University of Science, Japan)

Atsushi Yoshikawa (Tokyo Institute of Technology, Japan)

APPLYING SOCIAL NETWORK ANALYSIS IN A COURSE SUPPORTED BY A LMS: REPORT OF A CASE STUDY.....327

Dhanielly Paulina Rodrigues de Lima (Federal University of Amazonas, Brazil)

José Francisco Magalhães, Netto (Federal University of Amazonas, Brazil)

Vitor Bremgartner (Federal University of Amazonas, Brazil)

DETECTING AND COMPARING BRAIN ACTIVITY IN SHORT PROGRAM COMPREHENSION USING EEG.....336

Martin K.-C. Yeh (Penn State University, USA)

Yu Yan (Penn State University, USA)

Dan Gopstein (New York University, USA)

Yanyan Zhuang (University of Colorado, Colorado Springs, USA)

YOU CAN CHANGE THE WORLD, BUT NOT THIS HOMEWORK ASSIGNMENT: THE CONTRADICTION RHECTORIC OF ENGINEERING AGENCY.....341

Mel Chua (Franklin W. Olin College of Engineering, USA)

Lauren E Cagle (University of Kentucky, USA)

T2I: Pedagogical Approaches & Teaching Strategies I

10:30 AM - 12:00 PM

Room: Marriott 9

STUDYING MATHEMATICS IN HIGH SCHOOL AND COLLEGE: SUMMER BRIDGE PROGRAM STUDENT BELIEFS.....345

Sandra B Nite (Texas A&M University, USA)

Robert M Capraro (Texas A&M University, USA)

Ali Bicer (Texas A&M University, USA)

James Morgan (Charles Sturt University, Australia)

MOTIVATING ENGINEERING STUDENTS TO MATH CLASSES: PRACTICAL EXPERIENCE TEACHING ORDINARY DIFFERENTIAL EQUATIONS.....350

Analice C. Brandi (São Paulo State University & Faculty of Science and Technology, Brazil)

Rogério Garcia (São Paulo State University & Faculty of Science and Technology, Brazil)

EXPLORING THE USE OF VIRTUAL LEARNING ENVIRONMENTS TO SUPPORT SCIENCE LEARNING IN AUTISTIC STUDENTS.....357

Joe Cecil (Oklahoma State University & Cyber Tech LLC, USA)

Mary Sweet-Darter (Applied Behavioral Analysis-Oklahoma, USA)

Aaron Cecil-Xavier (Stillwater High School and Oklahoma State University Center for Cyber Physical Systems, USA)

EFFECTIVE ACTIVE LEARNING TOOLS FOR AN EMBEDDED SYSTEMS COURSE.....365

Girma Tewolde (Kettering University, USA)

T2J: Programming Courses and Concepts

10:30 AM - 12:00 PM

Room: Marriott 10

STUDYING THE PHENOMENON OF DEVELOPING INTEREST IN LEARNING HOW TO CODE.....370

Pasqueline Dantas Scaico (Universidade Federal de Pernambuco, Brazil)

Ruy De Queiroz (UFPE, Brazil)

José Jorge Lima Dias Jr. (Universidade Federal da Paraíba, Brazil)

Alexandre Scaico (UFPB, Brazil)

A TEACHER'S VIEW ABOUT INTRODUCTORY PROGRAMMING TEACHING AND LEARNING- PORTUGUESE AND MACANESE PERSPECTIVES.....379

Anabela Gomes (Polytechnic Institute of Coimbra & University of Coimbra, Portugal)

Wei Ke (Polytechnic Institute of Macao, Macao)

Maria José Marcelino (University of Coimbra, Portugal)

Sio Kei Im (Polytechnic Institute of Macao, Macao)

Andrew Siu (Polytechnic Institute of Macao, Macao)

António José Mendes (University of Coimbra & Universidade de Coimbra, Portugal)

THE EFFECT OF EMBEDDED QUESTIONS IN PROGRAMMING EDUCATION.....387

Christopher Mar (Arizona State University, USA)

Sohum Sohoni (Arizona State University, USA)

Scotty Craig (Arizona State University, USA)

A SURVEY ON PROBLEMS RELATED TO THE TEACHING OF PROGRAMMING IN BRAZILIAN EDUCATIONAL INSTITUTIONS.....395

Anderson Marcolino (University of São Paulo, Brazil)

Ellen Barbosa (University of São Paulo, Brazil)

T3A: Special Session: Zui Quan Pedagogy - The art of risk taking in the classroom

3:00 PM – 5:00 PM

Room: Lincoln

ZUI QUAN PEDAGOGY: THE ART OF RISK TAKING IN THE CLASSROOM.....404

Stephanie L Cutler (Penn State, USA)

James Pembridge (Embry-Riddle Aeronautical University, USA)

Matthew Verleger (Embry-Riddle Aeronautical University, USA)

T3B: Special Session: A Qualitative Approach to Understanding Variations in Experiences and its Relationship to Learning - An Introduction to Phenomenography

3:00 PM – 5:00 PM

Room: Santa Fe

A QUALITATIVE APPROACH TO UNDERSTANDING VARIATIONS IN EXPERIENCES AND ITS RELATIONSHIP TO LEARNING: AN INTRODUCTION TO PHENOMENOGRAPHY.....406

Carla B. Zoltowski (Purdue University, USA)

Nicholas D Fila (Iowa State University, USA)

Emily Dringenberg (Kansas State University, USA)

T3C: Panel: Perspectives on the Future of Cybersecurity Education

3:00 PM – 5:00 PM

Room: Marriott 1

PERSPECTIVES ON THE FUTURE OF CYBERSECURITY EDUCATION.....409

Rajendra Raj (Rochester Institute of Technology, USA)

Joseph Ekstrom (Brigham Young University, USA)

John Impagliazzo (Hofstra University, USA)

Steven Lingafelt (IBM, USA)

Allen Parrish (United States Naval Academy, USA)

Harry Reif (James Madison University, USA)

Edward Sobiesk (Army Cyber Institute, USA)

T3D: Gamification

3:00 PM – 5:00 PM

Room: Marriott 2

GAMIFICATION IN EDUCATION: A METHODOLOGY TO IDENTIFY STUDENT'S PROFILE.....411

Sergio A. A. Freitas (University of Brasilia & Faculdade UnB Gama, Brazil)

Arthur Lacerda (University of Brasilia, Brazil)

Paulo Calado (University of Brasilia, Brazil)

Thiago Lima (University of Brasilia, Brazil)

Edna Dias Canedo, Sra (University of Brasilia & UNB, Brazil)

IMPROVED STUDENT INDEPENDENCE THROUGH COMPETITIVE TINKERING.....419

Richard K. Martin (Air Force Institute of Technology, USA)

Andrew G. Klein (Western Washington University, USA)

USE OF ROLE-PLAY AND GAMIFICATION IN A SOFTWARE PROJECT COURSE.....427

Bruce Maxim (University of Michigan-Dearborn & College of Engineering and Computer Science, USA)

Adrienne Decker (Rochester Institute of Technology, USA)

Stein Brunvand (University of Michigan-Dearborn, USA)

COCOGAME: A FUNNY APP TO LEARN PHYSICS AND MATH.....432

Victor Robledo-Rella (Escuela de Ingeniería y Ciencias, Tecnológico de Monterrey, Mexico)

Rosa María Guadalupe García-Castelán (Tecnológico de Monterrey Campus Ciudad de México, Mexico)

Linda Medina (Tecnológico de Monterrey, Mexico)

Juan Ramírez de Arellano (Tecnológico de Monterrey, Mexico)

Iván Guerrero (Tecnológico de Monterrey, Mexico)

T3E: Professional Skills Development

3:00 PM – 5:00 PM

Room: Marriott 3

CLOSING THE PRACTICE GAP: STUDYING BOUNDARY SPANNING IN ENGINEERING PRACTICE TO INFORM EDUCATIONAL PRACTICE.....436

Brent Jesiek (Purdue University, USA)

Natascha Trellinger (Purdue University, USA)

Swetha Nittala (Purdue University, USA)

IMPROVING ENGINEERING STUDENTS PROFESSIONAL DEVELOPMENT SKILLS IN THE MAKE TO INNOVATE PROGRAM.....445

Matthew Nelson (Iowa State University, USA)

Benjamin Ahn (Iowa State University, USA)

UNDERGRADUATE RESEARCH TRAINING WORKSHOP.....450

Eva Andrijcic (Rose-Hulman Institute of Technology, USA)

Ella L Ingram (Rose-Hulman Institute of Technology, USA)

Azad Siahmakoun (Rose-Hulman Institute of Technology, USA)

RETHINKING ENGINEERING EDUCATION.....457

Melany M Ciampi (Safety, Health and Environment Research Organization & President, Portugal)

Claudio R Brito (Science and Education Research Council, Portugal)

Rosa Maria Vasconcelos (Minho University, Portugal)

Luis Amaral (University of Minho - ALGORITMI, Portugal)

Henrique M. D. Santos (University of Minho, Portugal)

Victor F. A. Barros (Science and Education Research Council & University of Minho, Portugal)

T3F: Design, Design Thinking and Open-Ended Projects II

3:00 PM – 5:00 PM

Room: Marriott 4

DOES AN OPEN-ENDED DESIGN PROJECT INCREASE CREATIVITY IN ENGINEERING STUDENTS?.....462

Amber Kempainen (Michigan Technological University, USA)

Gretchen Hein (Michigan Tech, USA)

Nathan Manser (Michigan Technological University, USA)

ENGINEERING DESIGN, A SHIFT FROM A PROCESS TO A MODEL-BASED VIEW.....467

William Kline (Rose-Hulman Institute of Technology, USA)
William Schindel (ICTT System Sciences, USA)

DESIGN THINKING AS A CATALYST FOR CHANGING TEACHING AND LEARNING PRACTICES IN ENGINEERING.....470

Seda McKilligan (Iowa State University, USA)
Nicholas D Fila (Iowa State University)
Diane Rover (Iowa State University, USA)
Mani Mina (Iowa State University, USA)

OPEN-ENDED PROJECTS OPENED UP - ASPECTS OF OPENNESS.....475

Aletta Nylén (Uppsala University, Sweden)
Mats Daniels (Uppsala University, Sweden)
Ville Isomottonen (University of Jyväskylä, Finland)
Roger McDermott (Robert Gordon University, United Kingdom (Great Britain))

T3G: Promoting Improvement of Practices for Persons with Disabilities

3:00 PM – 5:00 PM

Room: Marriott 7

A WAY TO PROMOTE THE DEVELOPMENT OF AUTISTIC TEENAGERS THROUGH PROGRAMMING OF A HUMANOID ROBOT PLATFORM.....482

Danna Arias (Pontificia Universidad Catolica del Peru & Grupo de Investigación en Robótica Aplicada y Biomecánica (GIRAB), Peru)
Ericka Madrid (Pontificia Universidad Católica del Perú, Peru)

A BEHIND-THE-SCENES LOOK AT ACCESS SETUP: A CASE STUDY OF THE DEAF PROFESSIONAL / DESIGNATED INTERPRETER MODEL IN ENGINEERING EDUCATION RESEARCH.....488

Mel Chua (Franklin W. Olin College of Engineering, USA)
Brittany Ray (Bridge Interpreting Inc., USA)
Lynn Andrea Stein (Franklin W. Olin College of Engineering, USA)

INCLUSION IN COMPUTING AND ENGINEERING EDUCATION: PERCEPTIONS AND LEARNING IN DIAGRAM-BASED E-LEARNING CLASSES WITH BLIND AND SIGHTED LEARNERS.....497

Leandro Luque (Sao Paulo State Technological College, Brazil)
Leônidas O Brandão (University of São Paulo, Brazil)
Elisabeti Kira (University of Sao Paulo, Brazil)
Anarosa A. F. Brandão (Universidade de São Paulo & Escola Politécnica, Brazil)

A COMPARATIVE STUDY OF DEAF AND NON-DEAF STUDENTS' PERFORMANCE WHEN USING A VISUAL JAVA DEBUGGER.....505

Marcos D. do Nascimento (Ceará State University, Brazil)
Francisco Oliveira (Fortaleza University, Brazil)
Shami Alves (Federal Institute of Ceará, Brazil)
Adriano T. de Freitas (Federal Institute of Ceara, Brazil)
Luiz A. C. B. Gomes (Ceará State University, Brazil)
Anderson S. de Matos (Federal University of Ceará, Brazil)

T3H: Educational Research - On Inclusion I

3:00 PM – 5:00 PM

Room: Marriott 8

HIDDEN IN PLAIN SIGHT: MASCULINE SOCIAL NORMS IN ENGINEERING EDUCATION.....513

Usenime Akpanudo (Harding University, USA)

James Huff (Harding University, USA)

Allison Godwin (Purdue University, USA)

Jenise Williams (Harding University, USA)

CRITICAL MASS OR CRITICAL CULTURE? GENDERED PERCEPTIONS OF WOMEN AND MEN IN AN ENGINEERING SCHOOL.....518

Jonathan Stolk (Olin College, USA)

Kathy Hubbard (Southern Methodist University, USA)

Sila Çetinkaya (Southern Methodist University, USA)

STUDENT ATTITUDES ABOUT DIVERSITY: "IF THE FIELD OF ENGINEERING WERE MORE DIVERSE, WHAT WOULD THAT MEAN FOR YOU?".....523

Ashley Taylor (Virginia Tech, USA)

Raeven Waters (Virginia Tech, USA)

Sreyoshi Bhaduri (Virginia Tech, USA)

Ben Lutz (Virginia Tech, USA)

Walter C. Lee (Virginia Tech, USA)

A NARRATIVE APPROACH TO UNDERSTANDING UNDERREPRESENTED STUDENTS' PATHWAYS INTO ENGINEERING.....532

Matthew Scheidt (Purdue University, USA)

Allison Godwin (Purdue University, USA)

T3I: Use of Blended Learning Enviroments with a Focus on the Inverted Classroom

3:00 PM – 5:00 PM

Room: Marriott 9

FLIPPING INTRODUCTORY PROGRAMMING CLASSES USING SPINOZA AND AGILE PEDAGOGY.....537

Fatima Abu Deeb (Brandeis University, USA)

Timothy Hickey (Brandeis University, USA)

INVESTIGATING PSYCHOLOGICAL SAFETY IN A FLIPPED ENGINEERING COURSE.....546

Jacqueline McNeil (University of Louisville & Speed School of Engineering, USA)

William Corley (University of Louisville, USA)

Jeffrey Hieb (University of Louisville Speed School of Engineering, USA)

LONGITUDINAL ANALYSIS OF INSTRUCTOR ACTIONS IN AN ACTIVE, BLENDED, AND COLLABORATIVE CLASSROOM ENVIRONMENT.....550

Austin Zadoks (Purdue University, USA)

Nick A. Stites (Purdue University, USA)

David Evenhouse (Purdue University, USA)

Nimit Patel (Purdue University & McKinsey & Company, USA)

Rohit Kandakatla (Purdue University, USA)

Edward Berger (Purdue University, USA)

Jeffrey F. Rhoads (Purdue University, USA)

Jennifer DeBoer (Purdue University, USA)

THE IMPACT OF LEARNING STYLES ON STUDENT PERFORMANCE IN FLIPPED PEDAGOGY.....556

Joshua Nwokeji (Gannon University, USA)

Terry Holmes (Gannon University, USA)

T3J: Introductory CS I

3:00 PM – 5:00 PM

Room: Marriott 10

"I WISH I COULD RANK MY EXAM'S CHALLENGE LEVEL!": AN ALGORITHM OF BLOOM'S TAXONOMY IN TEACHING CS1.....563

Mohsen Dorodchi (University of North Carolina, Charlotte, USA)

Nasrin Dehbozorgi (University of North Carolina at Charlotte (UNCC), USA)

Tonya Frevert (University of North Carolina at Charlotte, USA)

MOST COMMON FIXES STUDENTS USE TO IMPROVE THE CORRECTNESS OF THEIR PROGRAMS.....568

Draylson Souza (University of São Paulo, Brazil)

Michael Kölling (King's College London, United Kingdom (Great Britain))

Ellen Barbosa (University of São Paulo, Brazil)

LEVELS OF ACTIVE LEARNING IN PROGRAMMING SKILL ACQUISITION: FROM LECTURE TO ACTIVE LEARNING ROOMS.....577

Patrick Seeling (Central Michigan University, USA)

Jesse Eickholt (Central Michigan University, USA)

THE IMPACT OF PLACEMENT STRATEGIES ON THE SUCCESS OF STUDENTS IN INTRODUCTORY COMPUTER SCIENCE.....582

Linda Ott (Michigan Technological University, USA)

Allison Carter (Michigan Technological University, USA)

Christopher Cischke (Michigan Technological University, USA)

Glen Archer (Michigan Technological University, USA)

Leo Ureel, II (Michigan Technological University, USA)

Leonard J. Bohmann (Michigan Tech, USA)

Briana Bettin (Michigan Technological University, USA)

Friday, October 20th

FIA: Special Session: Critically Thinking About Engineering Through Kinesthetic Experiential Learning

8:30 AM - 10:00 AM

Room: Lincoln

CRITICALLY THINKING ABOUT ENGINEERING THROUGH KINESTHETIC EXPERIENTIAL LEARNING.....591

Elif Eda Miskioglu and Philip Asare (Bucknell University, USA)

FIB: Special Session: Fostering Change - Application and Implications of Palmer's Movement Approach to Change

8:30 AM - 10:00 AM

Room: Santa Fe

SPECIAL SESSION: FOSTERING CHANGE: APPLICATION AND IMPLICATIONS OF PALMER'S MOVEMENT APPROACH TO CHANGE.....594

Ruth Streveler (Purdue University, USA)

Karl Smith (University of Minnesota & Purdue University, USA)

Nicole Pitterson (Oregon State University, USA)

Juan D Ortega-Alvarez (Purdue University & Universidad EAFIT, USA)

FIG: Using Learning Platforms, Apps & Education Technologies

8:30 AM - 10:00 AM

Room: Marriott 1

EFFECTS OF LIGHTBOARD USAGE ON CIRCUIT PROBLEM SKILLS.....596

Kenneth Hite (West Virginia University, USA)

Jeremy Dawson (West Virginia University, USA)

Terence Ahern (West Virginia University & College of Education and Human Services, USA)

Louis Slimak (West Virginia University, USA)

Dimitris Korakakis (West Virginia University, USA)

GUIDED SELECTION OF IT-BASED EDUCATION TOOLS.....600

Tommy Kubica (Technische Universität Dresden, Germany)

Tenshi Hara (Technische Universität Dresden, Germany)

Iris Braun (Technische Universität Dresden, Germany)

Felix Kapp (Technische Universität Dresden, Germany)

Alexander Schill (Technische Universität Dresden, Germany)

AN INTERACTIVE VISUALIZATION TOOL FOR TEACHING ARP SPOOFING ATTACK.....609

Brandon Scott (John Hopkins University of Applied Physics Laboratory, USA)

Jinsheng Xu (North Carolina A&T State University, USA)

Jinghua Zhang (Winston-Salem State University, USA)

Ariana Brown (North Carolina Agricultural & Technical State University, USA)

Erica Clark (North Carolina Agricultural & Technical State University, USA)

Xiaohong Yuan (North Carolina A & T State University, USA)

Huiming Yu (North Carolina A&T State University, USA)

Kenneth Williams (North Carolina A & T State University, USA)

FID: Internet of things

8:30 AM - 10:00 AM

Room: Marriott 2

ENCHANTING EDUCATION FROM STUDENT INPUT.....614

Torben Svane (Beijing Information Science and Technology University, Sweden)
Minling Zhu (Beijing Information Science and Technology University, P.R. China)
Lars-Olof Johansson (Halmstad University, Sweden)
Esbjörn Ebbesson (Högskolan i Halmstad, Sweden)

A COMPREHENSIVE APPROACH TO EDUCATING STUDENTS ABOUT THE INTERNET-OF-THINGS.....618

Samuel J Dickerson (University of Pittsburgh, USA)

INNOVATIVE LABORATORY MODEL BASED ON PARTNERSHIPS AND ACTIVE LEARNING.....625

Rodrigo Filev Maia (Centro Universitario da FEI, Brazil)
Alexandre Augusto Massote (Centro Universitário da Fei, Brazil)
Fabio Lima (Centro Universitario FEI, Brazil)

TEACHING WIRELESS NETWORKING TECHNOLOGIES IN THE INTERNET-OF-THINGS USING ARM BASED MICROCONTROLLERS.....630

Nannan He (Minnesota State University at Mankato, USA)
Rajeev Bukralia (MNSU, USA)
Han-way Huang (MNSU, USA)

FIE: The First-Year in ECE or Computer Science

8:30 AM - 10:00 AM

Room: Marriott 3

A TWO TIER APPROACH TO CHALKBOARD VIDEO LECTURE SUMMARY.....634

Solomon E Garber (Brandeis University, USA)
Aaditya Prakash (Brandeis University, USA)
Nick Moran (Brandeis University, USA)
Maria Altebarmakian (Brandeis University, USA)
Richard Alterman (Brandeis University, USA)
Antonella Di Lillo (Brandeis University, USA)
James A Storer (Brandeis University, USA)

THE USE OF COMIC STRIPS IN THE TEACHING OF SOFTWARE ENGINEERING.....643

Diomara Barros (Fundacao Educacional do Municipio de Assis & Centro de Pesquisas em Informatica, Brazil)
Luiz R Begosso (Fundacao Educacional do Municipio de Assis - FEMA & Centro de Pesquisas em Informatica - Cepein, Brazil)
José Augusto Fabri (Universidade Tecnológica Federal do Paraná, Brazil)
Alexandre L'Erario (Universidade Tecnológica Federal do Paraná, Brazil)

VARIATIONS IN STUDENT LEARNING IN AN INQUIRY-BASED FRESHMEN ELECTRICAL ENGINEERING COURSE.....651

Neelam Prabhu Gaunkar (Iowa State University, USA)
Melissa Rands (Minneapolis College of Art and Design, USA)
Mani Mina (Iowa State University, USA)

ASSESSING STUDENT PREPAREDNESS FOR INTRODUCTORY ENGINEERING AND PROGRAMMING COURSES.....656

Branimir Pejcinovic (Portland State University, USA)
Melinda Holtzman (Portland State University, USA)
Phillip K Wong (Portland State University, USA)
Gerald Recktenwald (Portland State University, USA)

FIG: The First-Year in Engineering I

8:30 AM - 10:00 AM

Room: Marriott 4

LEARNING WITH ACADEMIC PARTNERS (LEAP): SUCCESS AND GROWING PAINS IN THE FIRST YEAR.....661

Amber Kempainen (Michigan Technological University, USA)

A J Hamlin (Michigan Technological University, USA)

Amanda Moya (Michigan Technological University, USA)

Haylee Diment (Michigan Technological University, USA)

CONNECTING ENVIRONMENTAL ENGINEERS TO THE KLAMATH RIVER VIA A PLACED BASED LEARNING COMMUNITY.....668

Elizabeth A. Eschenbach (Humboldt State University, USA)

Eileen Cashman (Humboldt State University, USA)

Matthew Johnson (Humboldt State University, USA)

Amy Spowles (Humboldt State University, USA)

INVESTIGATION OF SPATIAL VISUALIZATION SKILLS ACROSS WORLD REGIONS.....672

Jacob L. Segil (University of Colorado at Boulder, USA)

Jacquelyn Sullivan (University of Colorado Boulder, USA)

Marissa H. Forbes (University of Colorado Boulder, USA)

Janet Tsai (University of Colorado Boulder, USA)

Derek Reamon (University of Colorado, USA)

EXPLORING THE IMPACTS OF A FIRST-YEAR ENGINEERING STUDY ABROAD PROGRAM ON SUBSEQUENT COLLEGE EXPERIENCES.....677

Kirsten A Davis (Virginia Tech, USA)

David Knight (Virginia Tech, USA)

FIG: PK12 STEM Education - Hands on Learning I

8:30 AM - 10:00 AM

Room: Marriott 7

STEM PROJECT ACTIVITIES FOR PK-12 STUDENTS: WHAT IT TAKES TO MAKE IT HAPPEN.....683

Ramakrishnan Sundaram (Gannon University, USA)

MOVING FROM STEM TO STEAM: THE EFFECTS OF INFORMAL STEM LEARNING ON STUDENTS' CREATIVITY AND PROBLEM SOLVING SKILLS WITH 3D PRINTING.....687

Ali Bicer (Texas A&M University, USA)

Sandra B Nite (Texas A&M University, USA)

Robert M Capraro (Texas A&M University, USA)

Luciana R Barroso (Texas A&M University, USA)

Mary M Capraro (Texas A&M University, USA)

Yujin Lee (Texas A&M University, USA)

GUPPIE PROGRAM - A HANDS-ON STEM LEARNING EXPERIENCE FOR MIDDLE SCHOOL STUDENTS.....693

Saeedeh Ziaefard (Michigan Technological University, USA)
Brian R Page (Michigan Technological University, USA)
Guilherme Aramizo Ribeiro (Michigan Technological University, USA)
Lauren Knop (Michigan Technological University, USA)
Michele H Miller (Campbell University, USA)
Mo Rastgar (Michigan Technological University, USA)
Nina Mahmoudian (Michigan Technological University, USA)

INTRODUCING UNIVERSITY LABORATORY TOOLS INTO K-12 CLASSROOMS: BENEFITS AND CHALLENGES..... 701

Daniel Knight (University of Colorado Boulder, USA)
Michael Hannigan (University of Colorado Boulder, USA)
Katya Hafich (University of Colorado, Boulder, USA)
Lucy Cheadle (University of Colorado Boulder, USA)

FIH: Teaming Research & Strategies

8:30 AM - 10:00 AM

Room: Marriott 8

THE ARCHETYPE LEARNING METHOD - SCAFFOLDING TEAMWORK COMPETENCES IN THE ENGINEERING CLASSROOM..... 707

Arnold N Pears (Uppsala University & Royal Institute of Technology (KTH), Sweden)
Mats Daniels (Uppsala University, Sweden)
Åsa Cajander (Uppsala University, Sweden)

IDENTIFYING PEERS TO FORM AN EFFECTIVE TEAM IN A PROJECT-BASED COURSE..... 715

Mariana Tafur-Arciniegas (Universidad de los Andes, Colombia)
Nicolás Gutiérrez-Melo (Universidad de los Andes, Colombia)

A MIXED METHODS ANALYSIS OF STUDENT EXPERIENCES IN DIVERSE TEAMS..... 723

Benjamin Jackson (Purdue University, USA)
Héctor E Rodríguez-Simmonds (Purdue University, USA)
Adam Kirm (University of Nevada, Reno, USA)
Allison Godwin (Purdue University, USA)

FOSTERING DEVELOPMENT OF TEAMWORK SKILLS IN AN INTRODUCTORY ENGINEERING COURSE..... 728

Angela Thompson (University of Louisville, USA)

FI1: Approaches to Learning II

8:30 AM - 10:00 AM

Room: Marriott 9

EMPIRICAL STUDY OF TRAINING NEEDS FOR DIFFERENT OCCUPATIONAL GROUPS IN THE CONTEXT OF THE INCREASING SPREAD OF ELECTRIC VEHICLES..... 732

Heiko Fechtner (University of Wuppertal, Germany)
Murat Ismail (University of Wuppertal, Germany)
Tobias Braun (University of Wuppertal, Germany)
Benedikt Schmuelling (University of Wuppertal, Germany)

TEAM-BASED, TRANSDISCIPLINARY, AND INCLUSIVE PRACTICES FOR UNDERGRADUATE RESEARCH.....741

Cecilia Ovesdotter Alm (Rochester Institute of Technology, USA)
Reynold Bailey (Rochester Institute of Technology, USA)

DEVELOP A TBL-FACILITATED BIM EDUCATION FRAMEWORK FOR CIVIL ENGINEERING AND MANAGEMENT.....N/A

Jingxiao Zhang (Chang'an University, P.R. China)
Wei Wu (California State University - Fresno, USA)
Hui Li (Chang'an University, P.R. China)

LEARNING AUTONOMOUS SYSTEMS - AN INTERDISCIPLINARY PROJECT-BASED EXPERIENCE..... 746

Brian R Page (Michigan Technological University, USA)
Saeedeh Ziaeeferd (Michigan Technological University, USA)
Barzin Moridian (Michigan Technological University, USA)
Nina Mahmoudian (Michigan Technological University, USA)

ANALYSIS OF THE TEACHING-LEARNING METHODOLOGY ADOPTED IN THE INTRODUCTION TO COMPUTER SCIENCE CLASSES..... 753

Edna Dias Canedo, Sra (University of Brasilia & UNB, Brazil)
Giovanni Santos (University of Brasilia, Brazil)
Sergio A. A. Freitas (University of Brasilia & Faculdade UnB Gama, Brazil)

F1J: Introductory CS II

8:30 AM - 10:00 AM

Room: Marriott 10

CHALLENGES TO INTEGRATE SOFTWARE TESTING INTO INTRODUCTORY PROGRAMMING COURSES..... 761

Lilian Passos Scatalon (University of Sao Paulo, Brazil)

Rogério Garcia (São Paulo State University & Faculty of Science and Technology, Brazil)

Ellen Barbosa (University of São Paulo, Brazil)

LEARNING JAVA IN A NEW YORK CITY IMMIGRANT ENGINEER RETRAINING PROGRAM..... 770

Suzanna Schmeelk (Pace University & Memorial Sloan Kettering Cancer Center, USA)

Fred Fontaine (Cooper Union, USA)

Larisa Ackerman (CAMBA, USA)

Alfred Aho (Columbia University, USA)

A STUDY OF STUDENTS' PROGRESS THROUGH INTRODUCTORY COMPUTER SCIENCE PROGRAMMING COURSES..... 777

Jaime Raigoza (California State University, Chico, USA)

F2A: Special Session: Learning Design Thinking Using Engineering Case Studies

10:30 AM - 12:00 PM

Room: Lincoln

SPECIAL SESSION: LEARNING DESIGN THINKING USING ENGINEERING CASE STUDIES..... 784

Larry Richards (University of Virginia, USA)

F2B: Special Session: STEM Faculty Development Research Agenda

10:30 AM - 12:00 PM

Room: Santa Fe

STEM FACULTY DEVELOPMENT RESEARCH AGENDA..... 787

Shannon Stefl (Clemson University, USA)

Julie Martin (Clemson University, USA)

Sandra Linder (Clemson University, USA)

Cindy Lee (Clemson University, USA)

Karen A High (Clemson University, USA)

F2C: Panel: Software Requirements Engineering Education in a Changing world

10:30 AM - 12:00 PM

Room: Marriott 1

SOFTWARE REQUIREMENTS ENGINEERING EDUCATION IN A CHANGING WORLD..... 791

Joshua Nwokeji (Gannon University, USA)

Stephen Frezza (Gannon University, USA)

Vladimir Uskov (Bradley University, USA)

Terry Holmes (Gannon University, USA)

F2D: Digital Logic
10:30 AM - 12:00 PM
Room: Marriott 2

USING THE LOGIC DESIGN COURSE AS A DRESS REHEARSAL FOR THE MAJOR DESIGN EXPERIENCE.....794

Paul B Crilly (United States Coast Guard Academy, USA)
Grant Wyman (United States Coast Guard Academy, USA)

DYNAMIC RECONFIGURATION IN FPAA AND ITS USE IN EDUCATION.....797

Alejandro Macho (Spanish University for Distance Education - UNED, Spain)
Manuel Garcia Teruel (University of Castilla-La Mancha, UCLM, Spain)
Pablo Baizan (Spanish University for Distance Education - UNED, Spain)
Manuel Blazquez (Universidad Antonio de Nebrija, Spain)
Felix Garcia Loro (Spanish University for Distance Education (UNED), Spain)
Elio Sancristobal (Spanish University for Distance Education - UNED, Spain)
Gabriel Díaz (Universidad Nacional de Educación a Distancia - UNED, Spain)
Rosario Gil (Spanish University for Distance Education - UNED, Spain)
Manuel Castro (Spanish University for Distance Education - UNED, Spain)

TRAINING STUDENTS' PRACTICAL AND INNOVATION ABILITY IN HARDWARE EXPERIMENT.....804

ShanShan Li (Tsinghua University, P.R. China)
Xiaojun Wu (Tsinghua University, P.R. China)
Chengbin Quan (Tsinghua University, P.R. China)

INTRODUCING PARALLEL COMPUTING CONCEPTS IN COMPUTER SYSTEM RELATED COURSES.....809

Han Wan (Beihang University, P.R. China)
Xiaopeng Gao (Beihang University, P.R. China)
Xiang Long (Beihang University, P.R. China)
Bo Jiang (Beihang University, P.R. China)

F2E: Academia-Industry collaboration

10:30 AM - 12:00 PM
Room: Marriott 3

TRANSITIONS BETWEEN COOPERATIVE EDUCATIONAL EXPERIENCES TO THE UNIVERSITY.....816

Jacqueline McNeil (University of Louisville & Speed School of Engineering, USA)
Alex Beebe (University of Louisville, USA)
Mary Andrade (University of Louisville, USA)

INDUSTRY-UNIVERSITY COLLABORATION IN WORKFORCE DEVELOPMENT: RESULTS FROM A SHORT COURSE ON IEEE STANDARD 762.....821

Naysy Lopez (UPR-Mayaguez, Puerto Rico)
Agustín Irizarry-Rivera (University of Puerto Rico-Mayaguez, Puerto Rico)
Efraín O'Neill-Carrillo (University of Puerto Rico-Mayaguez, Puerto Rico)
Tom Key (EPRI, Puerto Rico)
Alexander Schneider (Quanta Technology, USA)

NOVEL APPROACH TO BRIDGE THE GAPS OF INDUSTRIAL AND MANUFACTURING ENGINEERING EDUCATION: A CASE STUDY OF THE CONNECTED ENTERPRISE CONCEPTS.....828

Wilkistar Otieno (University of Wisconsin-Milwaukee, USA)
Naira Campbell-Kyureghyan (University of Wisconsin-Milwaukee, USA)
Michael Cook (Rockwell Automation Inc, USA)

CASE STUDY AND APPRENTICESHIP PEDAGOGY FOR TRAINING CONSTRUCTION ENGINEERING STUDENTS.....833

Brandon Fulk (Purdue University, USA)
Seyedali Ghahari (Purdue University, USA)
Makarand Hastak (Purdue University, USA)

F2F: The First-Year in Engineering II

10:30 AM - 12:00 PM

Room: Marriott 4

MAJOR CHOICE IN FIRST-YEAR ENGINEERING PROGRAM.....839

Racheida Lewis (Virginia Polytechnic Institute and State University, USA)
Tamara Knott (Virginia Tech University, USA)

LONGITUDINAL OUTCOMES OF A REQUIREMENT FOR STUDENT-OWNED LAPTOP COMPUTERS ACROSS A COLLEGE OF ENGINEERING.....842

A J Hamlin (Michigan Technological University, USA)
Jon Sticklen (Michigan Technological University, USA)

END OF SEMESTER SOFTWARE PROBLEM SOLVING AND DESIGN PROJECTS IN A FIRST-YEAR ENGINEERING COURSE.....845

Krista M. Kecskemety (The Ohio State University, USA)
Lauren Corrigan (The Ohio State University, USA)

ARE INTRODUCTORY COURSES SUITABLE PATHWAYS FOR SUCCESS IN THE BE(HONS).....849

James Eldridge (Victoria University of Wellington, New Zealand)
Craig Watterson (Victoria University of Wellington, New Zealand)
Howard Lukefahr (Victoria University of Wellington, New Zealand)
Dale A Carnegie (Victoria University of Wellington, New Zealand)

F2G: PK12 STEM Education - Hands on Learning II

10:30 AM - 12:00 PM

Room: Marriott 7

A HUMAN-INTERACTIVE ROBOTIC PROGRAM FOR MIDDLE SCHOOL STEM EDUCATION.....858

Lauren Knop (Michigan Technological University, USA)
Saeedeh Ziaeeafard (Michigan Technological University, USA)
Guilherme Aramizo Ribeiro (Michigan Technological University, USA)
Brian R Page (Michigan Technological University, USA)
Evandro Ficanha (Michigan Technological University, USA)
Michele H Miller (Campbell University, USA)
Mo Rastgar (Michigan Technological University, USA)
Nina Mahmoudian (Michigan Technological University, USA)

DEVELOPMENT AND RESULTS FROM USER TESTING OF A NOVEL ROBOTICS KIT SUPPORTING SYSTEMS ENGINEERING FOR ELEMENTARY-AGED STUDENTS.....865

Emily Hamner (Carnegie Mellon University, USA)
Lauren Zito (Carnegie Mellon University, USA)
Jennifer L Cross (Carnegie Mellon University, USA)
Michael Tasota (Carnegie Mellon University, USA)
Paul Dille (Carnegie Mellon University, USA)
Stephen Fulton (Slippery Rock University, USA)
Molly Johnson (Carnegie Mellon University, USA)
Illah Nourbakhsh (Carnegie Mellon University, USA)
Joshua Schapiro (Carnegie Mellon University, USA)

STUDENT OUTCOMES FROM THE EVALUATION OF A TRANSDISCIPLINARY MIDDLE SCHOOL ROBOTICS PROGRAM.....874

Jennifer L Cross (Carnegie Mellon University, USA)
Emily Hamner (Carnegie Mellon University, USA)
Lauren Zito (Carnegie Mellon University, USA)
Illah Nourbakhsh (Carnegie Mellon University, USA)

HELLO WORLD: BOOTSTRAPPING CYBER SECURITY EDUCATION IN INDIAN RURAL HIGH SCHOOLS.....N/A

Vipin Pavithran (Amrita University, India)
Arvind S Raj (Amrita University, India)
Prema Nedungadi (Amrita University, India)
Krishnashree Achuthan (Amrita University, India)

F2H: Using an Educational Research Approach II

10:30 AM - 12:00 PM

Room: Marriott 8

USING SELF-DETERMINATION THEORY TO UNDERSTAND ENGINEERING STUDENT MOTIVATION DURING INNOVATION PROJECTS.....883

Nicholas D Fila (Iowa State University, USA)
Senay Purzer (Purdue University, USA)

EXPLORING MEANING-MAKING AND INNOVATION IN MAKERSPACES: AN ETHNOGRAPHIC STUDY OF STUDENT AND FACULTY PERSPECTIVES.....891

Megan Tomko (Georgia Institute of Technology, USA)
Julie Linsey (Georgia Institute of Technology, USA)
Robert Nagel (James Madison University, USA)
Melissa Aleman (James Madison University, USA)

THE CALCULUS DASHBOARD - LEVERAGING INTELLIGENT TUTOR TECHNIQUES TO PROVIDE AUTOMATED FINE-GRAINED STUDENT ASSESSMENT.....900

Kristian Kime (Brandeis University, USA)
Timothy Hickey (Brandeis University, USA)
Rebecca Torrey (Brandeis University, USA)

IDENTIFYING STUDENT COMMUNICATION STRATEGIES INVOLVING SPATIAL INFORMATION.....908

Luciana Debs (Purdue University, USA)
Sean Brophy (Purdue University, USA)
Cecilia Espinoza (Purdue University, USA)

F2I: Pedagogical Approaches & Teaching Strategies II

10:30 AM - 12:00 PM

Room: Marriott 9

A SPIRAL APPROACH TO TEACH VALUE PROPOSITIONS USING THE NABC FRAMEWORK IN CORE ENGINEERING COURSES.....917

Heath J. LeBlanc (Ohio Northern University, USA)
Firas Hassan (Ohio Northern University, USA)

CHALLENGE PROBLEMS: A METHOD TO IMPROVE CRITICAL THINKING SKILLS.....922

David Schmidt (University of Pittsburgh, USA)

JUST-IN-TIME TEACHING IMPROVES ENGAGEMENT AND ACADEMIC RESULTS AMONG STUDENTS AT RISK OF FAILURE IN COMPUTER SCIENCE FUNDAMENTALS.....927

Antoni Perez-Poch (Universitat Politècnica de Catalunya - BarcelonaTech, Spain)
David Lopez (Universitat Politècnica de Catalunya - BarcelonaTech, Spain)

THE ENGINEER OF 2020 IS HERE: USING INNOVATIVE KINESTHETIC ACTIVITIES AS TOOLS TO FULFILL THE NAE VISION.....934

Elif Eda Miskioglu (Bucknell University, USA)
Philip Asare (Bucknell University, USA)

F2J: MOOCs in CS and STEM Education

10:30 AM - 12:00 PM

Room: Marriott 10

ASPECTS ON FINDING THE OPTIMAL PRACTICAL PROGRAMMING EXERCISE FOR MOOCs.....939

Ralf Teusner (Hasso Plattner Institute)
Thomas Hille (Hasso Plattner Institute, Germany)
Christiane Hagedorn (Hasso Plattner Institute)

MASSIVE OPEN ONLINE COURSES IN SOFTWARE ENGINEERING EDUCATION.....947

Aracele Garcia de Oliveira Fassbinder (Federal Institute Of Education, Science and Technology of South of Minas Gerais & Campus Muzambinho, Brazil)
Marcelo Fassbinder (Federal Institute of Education, Science and Technology of South of Minas Gerais, Brazil)
Ellen Barbosa (University of São Paulo, Brazil)
George Magoulas (Birkbeck College & University of London Knowledge Lab, United Kingdom (Great Britain))

PROF. CI: EMPLOYING CONTINUOUS INTEGRATION SERVICES AND GITHUB WORKFLOWS TO TEACH TEST-DRIVEN DEVELOPMENT.....956

Christoph Matthies (Hasso Plattner Institute, University of Potsdam, Germany)
Arian Treffer (Hasso Plattner Institute, University of Potsdam, Germany)
Matthias Uflacker (Hasso Plattner Institute, University of Potsdam, Germany)

INSTRUCTOR OUTCOMES OF TEACHING A STEM MOOC.....964

Mitchell Zielinski (Purdue University, USA)
Nathan M Hicks (Purdue University, USA)
Su Wang (Purdue University, USA)
Kerrie A. Douglas (Purdue University, USA)
Peter Bermel (Purdue University, USA)
Heidi A. Diefes-Dux (Purdue University, USA)
Krishna Madhavan (Purdue University, USA)

F3A: Special Session: Leading and Administering Transformative Change in Education beyond Disciplinary Boundaries

1:30 PM – 3:00 PM

Room: Lincoln

LEADING AND ADMINISTERING TRANSFORMATIVE CHANGE IN EDUCATION BEYOND DISCIPLINARY BOUNDARIES.....971

Jeffrey J. Evans (Purdue University, USA)
Justin Seipel (Purdue University, USA)
Michael Smith (Purdue University, USA)

F3B: Special Session: Using pattern recognition techniques to analyze educational data

1:30 PM – 3:00 PM

Room: Santa Fe

USING PATTERN RECOGNITION TECHNIQUES TO ANALYZE EDUCATIONAL DATA.....973

Camilo Vieira (Purdue University, USA)
Alejandra J. Magana (Purdue University, USA)
Mireille Boutin (Purdue University, USA)

F3C: Collaborative Learning Platforms, Apps & Education Technologies

1:30 PM – 3:00 PM

Room: Marriott 1

THE EFFECTS OF BITE-SIZE DISTRIBUTED PRACTICES FOR PROGRAMMING NOVICES.....976

Mohammed Alzaid (Arizona State University, USA)

Devanshi Trivedi (Arizona State University, USA)

Ihan Hsiao (Arizona State University, USA)

PRELIMINARY RESULTS ON AN INTERACTIVE LEARNING TOOL FOR EARLY ALGEBRA EDUCATION.....985

Siva Meenakshi Renganathan (The Ohio State University, USA)

Christopher Stewart (The Ohio State University, USA)

Arnulfo Perez (The Ohio State University, USA)

Rashmi Jayathirtha Rao (The Ohio State University, USA)

Bailey Braaten (The Ohio State University, USA)

EVERGREENLP: USING A SOCIAL NETWORK AS A LEARNING PLATFORM.....990

Jaye Nias (Spelman College, USA)

Brandeis Marshall (Spelman College, USA)

Taylor Thompson (Spelman College, USA)

Takeria Blunt (Spelman College, USA)

SUPPORTING ACTIVE LEARNING THROUGH COMMODITY AND OPEN SOURCE SOLUTIONS.....997

Jesse Eickholt (Central Michigan University, USA)

John Roush (Central Michigan University, USA)

Patrick Seeling (Central Michigan University, USA)

Thirumarangan Vedantham (Central Michigan University, USA)

Matthew Johnson (Central Michigan University, USA)

F3D: ECE/CS Curriculum Issues

1:30 PM – 3:00 PM

Room: Marriott 2

CE2016: UPDATED CURRICULAR GUIDELINES FOR COMPUTER ENGINEERING.....1002

Victor Nelson (Auburn University, USA)

John Impagliazzo (Hofstra University, USA)

Eric Durant (Milwaukee School of Engineering & Starkey Hearing Technologies, USA)

Joseph Hughes (Georgia Tech, USA)

A WEB-BASED CURRICULUM ENGINEERING TOOL FOR INVESTIGATING SYLLABI IN TOPIC SPACE OF STANDARD COMPUTER SCIENCE CURRICULA.....1008

Takayuki Sekiya (The University of Tokyo, Japan)

Yoshitatsu Matsuda (The University of Tokyo, Japan)

Kazunori Yamaguchi (The University of Tokyo, Japan)

USING SPECTRUMS AND DEPENDENCY GRAPHS TO MODEL PROGRESSIONS FROM INTRODUCTORY TO CAPSTONE COURSES.....1017

Stephen MacNeil (UNC at Charlotte & Purdue University, USA)

Mohsen Dorodchi (University of North Carolina, Charlotte, USA)

Nasrin Dehbozorgi (University of North Carolina at Charlotte (UNCC), USA)

NOVEL GATEWAY STAY/ADD POLICY USED TO INCREASE STUDENT SUCCESS RATES IN AN INTRODUCTORY CIRCUITS CLASS.....1022

David Parent (San Jose State University, USA)

F3E: Assessing Learning I**1:30 PM – 3:00 PM****Room: Marriott 3**

STUDENT ASSESSED INTEGRATED LEARNING: SAILING TO A HOLISTIC DESIGN OF HOLISTIC ENGINEERING EDUCATION.....1030

Cigdem Talgar (Northeastern University, USA)
Laura Wankel (Northeastern University, USA)
Jennifer Lehmann (Northeastern University, USA)
Mary English (Northeastern University, USA)
Kaleena Seeley (Northeastern University, USA)
Jillian Scheer (Northeastern University, USA)
Brooke Hoger (Northeastern University, USA)
Kimberly Irmiter (Northeastern University, USA)
Susan Ambrose (Northeastern University, USA)
Yevgeniya V Zastavker (F. W. Olin College of Engineering, USA)

DEVELOPMENT AND IMPLEMENTATION OF RAPID FEEDBACK USING A CLOUD-BASED ASSESSMENT TOOL.....1035

Alexander Wildgoose (Rowan University, USA)
Smitesh Bakrania (Rowan University, USA)

COMPARISON OF PARTIAL CREDIT AND MASTERY ASSESSMENT ON STUDENT LEARNING AND RETENTION.....1041

Shraddha Sangelkar (Penn State Erie, USA)
William Lasher (Penn State Erie, USA)
Russell L. Warley (Penn State Erie, USA)
Adam Hollinger (Penn State Erie, USA)

THE AUTHENTICITY OF 'AUTHENTIC' ASSESSMENT: SOME FACULTY PERCEPTIONS.....1047

Roger McDermott (Robert Gordon University, United Kingdom (Great Britain))
Mats Daniels (Uppsala University, Sweden)
Mark Zarb (Robert Gordon University, United Kingdom (Great Britain))
Arnold N Pears (Uppsala University & Royal Institute of Technology (KTH), Sweden)
Aletta Nylén (Uppsala University, Sweden)
Ville Isomottonen (University of Jyväskylä, Finland)
Michael Caspersen (Aarhus University, Denmark)

F3F: Faculty Development I**1:30 PM – 3:00 PM****Room: Marriott 4**

UNDERSTANDING FACULTY DECISIONS ABOUT THE INTEGRATION OF LABORATORIES INTO ENGINEERING EDUCATION.....1056

Genisson Silva Coutinho (Purdue University, USA & Instituto Federal de Educacao, Ciencia e Tecnologia da Bahia, Brazil)
Nick A. Stites (Purdue University, USA)
Alejandra J. Magana (Purdue University, USA)

THE CHANGING ROLE OF THE CSET PROFESSORATE IN UNIVERSITY-BASED VALUE CREATION.....1065

L. Eric James (Mainely Kaizen, LLC, USA)
Jennifer Karlin (Mainely Kaizen, LLC, USA)

TEACHING MENTORING PROGRAM FOR THE APPLICATION OF ACTIVE METHODOLOGIES AND ICT TOOLS.....1070

Nonie Salazar (Tecsup, Peru)

LEVERAGING INSTITUTIONAL DATA TO UNDERSTAND STUDENT PERCEPTIONS OF TEACHING IN LARGE ENGINEERING CLASSES.....1076

Michelle Soledad (Virginia Tech & Ateneo de Davao University, USA)
Jacob Grohs (Virginia Tech, USA)
Sreyoshi Bhaduri (Virginia Tech, USA)
Jennifer Doggett (Virginia Tech, USA)
Jaime Williams (Virginia Tech, USA)
Steve Culver (Virginia Tech, USA)

F3G: PK12 STEM Education - Programming Concepts

1:30 PM – 3:00 PM

Room: Marriott 7

EVALUATING ALGORITHMIC THINKING ABILITY OF PRIMARY SCHOOLCHILDREN WHO LEARN COMPUTER PROGRAMMING.....1084

Hidekuni Tsukamoto (Osaka University of Arts, Japan)
Yasumasa Oomori (Joetsu University of Education, Japan)
Hideo Nagumo (Niigata Seiryō University, Japan)
Yasuhiro Takemura (Osaka University of Arts, Japan)
Akito Monden (Okayama University, Japan)
Ken-ichi Matsumoto (Nara Institute of Science and Technology, Japan)

GRAPH-BASED ANALYSIS OF COMPUTER SCIENCE CURRICULA FOR PRIMARY EDUCATION.....1092

Stefan Pasterk (Alpen-Adria-Universität Klagenfurt, Austria)
Andreas Bollin (University of Klagenfurt, Austria)

MUSIC MAKER: USING MUSIC TO INTRODUCE CODING AND CONCURRENCY TO YOUNG LEARNERS.....1101

Dhananjai M. Rao (Miami University, USA)

ALL ROSY IN SCRATCH LESSONS: NO BUGS BUT GUTS WITH VISUAL PROGRAMMING.....1107

Pia Niemela (Tampere University of Technology, Finland)

F3H: Educational Research - On Student Pathways

1:30 PM – 3:00 PM

Room: Marriott 8

GATEKEEPERS TO BROADENING PARTICIPATION IN ENGINEERING: INVESTIGATING VARIATION ACROSS HIGH SCHOOLS COMPARING WHO COULD GO VERSUS WHO DOES GO INTO ENGINEERING.....1116

Andrew L Gillen (Virginia Tech, USA)
Lin Tan (Virginia Tech, USA)
Timothy Kinoshita (Virginia Tech, USA)
David Knight (Virginia Tech, USA)
Jacob Grohs (Virginia Tech, USA)
Isabel Bradburn (Virginia Tech, USA)
Cheryl Carrico (Virginia Tech, USA)
Holly Matusovich (Virginia Tech, USA)

ENGINEERING TECHNOLOGY VS. ENGINEERING STUDENTS: DIFFERENCES IN PERCEPTION AND UNDERSTANDING.....1121

Anne M Lucietto (Purdue University, USA)
Jennifer Moss (Purdue University, USA)
Eddy Efendy (Purdue University, USA)
Mark French (Purdue University, USA)

UNDERSTANDING THE PATHWAYS OF STUDENTS WITH NORMATIVE ATTITUDES IN ENGINEERING.....1128

Beverly Ma (University of Nevada, Reno, USA)
Jacqueline Doyle (Florida International University, USA)
Jacqueline Rohde (Clemson University, USA)
Hank Boone (University of Nevada, Reno, USA)
Allison Godwin (Purdue University, USA)
Geoff Potvin (Florida International University, USA)
Lisa Benson (Clemson University, USA)
Adam Kim (University of Nevada, Reno, USA)

TESTING FOR MEASUREMENT INVARIANCE IN ENGINEERING IDENTITY CONSTRUCTS FOR FIRST-GENERATION COLLEGE STUDENTS.....1136

Dina Verdín (Purdue University, USA)
Allison Godwin (Purdue University, USA)

F3I: Use of Blended Learning Enviroments Using Virtual Elements

1:30 PM – 3:00 PM

Room: Marriott 9

INVERTING VARK WHAT ARE THE POSSIBILITIES?.....1141

Imelda Smit (North West University, South Africa)

A STUDY OF ENGAGEMENT AND COLLABORATIVE LEARNING IN A VIRTUAL ENVIRONMENT.....1149

Maria Altebarmakian (Brandeis University, USA)
Richard Alterman (Brandeis University, USA)

IMPLEMENTING AN ACTIVE LEARNING PLATFORM TO SUPPORT STUDENT LEARNING IN A NUMERICAL ANALYSIS COURSE.....1158

Francisco Correa Zabala (EAFIT, Colombia)
Heidi E. Parker (EAFIT, Colombia)
Camilo Vieira (Purdue University, USA)

RELATIONSHIP BETWEEN TIME MANAGEMENT IN COURSES WITH ONLINE INTERACTIVE TEXTBOOKS AND STUDENTS' PERFORMANCE.....1164

Khaznah Alshammari (New Mexico State University, USA)
Inna Pivkina (New Mexico State University, USA)

F3J: MOOCs: a Miscellany

1:30 PM – 3:00 PM

Room: Marriott 10

COLLUSION IN EDUCATIONAL PEER ASSESSMENT: HOW MUCH DO WE NEED TO WORRY ABOUT IT?.....1169

Yang Song (North Carolina State University, USA)
Zhewei Hu (North Carolina State University, USA)
Ed Gehringer (NC State University, USA)

MOOCEP: A METHOD FOR BUILDING MASSIVE OPEN ONLINE COURSES FOR ELDERLY PEOPLE THE ANALYSIS ACTIVITY.....1177

Paul Rodriguez-Ch (Universidad de Cuenca, Ecuador)
Priscila Cedillo (Universidad de Cuenca, Ecuador)
Paola Beltran (University of Cuenca, Ecuador)
Jose Ortiz (Universidad de Cuenca, Ecuador)

USING PRE-COURSE SURVEY RESPONSES TO PREDICT SPORADIC LEARNER BEHAVIORS IN ADVANCED STEM MOOCS.....1185

Harsh Wardhan Aggarwal (Purdue University, USA)
Nathan M Hicks (Purdue University, USA)
Peter Bermel (Purdue University, USA)
Kerrie A. Douglas (Purdue University, USA)
Heidi A. Diefes-Dux (Purdue University, USA)
Krishna Madhavan (Purdue University, USA)

BRINGING PHYSICAL CONSTRUCTION AND REAL-WORLD DATA COLLECTION INTO A MASSIVELY OPEN ONLINE COURSE (MOOC).....1189

Julie Mullen (MIT Lincoln Laboratory)
Albert Reuther (Massachusetts Institute of Technology, USA)
Lauren Milechin (MIT, USA)
Michael Houle (MIT Lincoln Laboratory, USA)
Janet Nguyen (MIT Lincoln Laboratory, USA)
Patrick Bell (MIT Lincoln Laboratory, USA)
Bradley Perry (MIT Lincoln Laboratory, USA)
Alan Fenn (MIT Lincoln Laboratory, USA)
Kenneth Kolodziej (MIT Lincoln Laboratory, USA)
John Meklenburg (MIT Lincoln Laboratory, USA)

F4A: Special Session: A Framework for Engineering Student Innovation that Connects Cognitive, Psychological, and Cultural Aspects of Learning

4:00 PM – 5:30 PM

Room: Lincoln

SPECIAL SESSION - A FRAMEWORK FOR ENGINEERING STUDENT INNOVATION THAT CONNECTS COGNITIVE, PSYCHOLOGICAL, AND CULTURAL ASPECTS OF LEARNING.....1194

Senay Purzer (Purdue University, USA)
Nicholas D Fila (Iowa State University, USA)

F4B: Special Session: Workshop - A Narrative Approach to Broadening Schema about Engineering Professors

4:00 PM – 5:30 PM

Room: Santa Fe

WORKSHOP: A NARRATIVE APPROACH TO BROADENING SCHEMA ABOUT ENGINEERING PROFESSORS.....1196

Natascha Trellinger (Purdue University, USA)
Brent Jesiek (Purdue University, USA)
Swetha Nittala (Purdue University, USA)

F4C: Panel: Influencing Culture and Curriculum Via Revolution

4:00 PM – 5:30 PM

Room: Marriott 1

PANEL: INFLUENCING CULTURE AND CURRICULUM VIA REVOLUTION.....1200

Kelly Cross (University of Illinois Urbana Champaign, USA)

Tiago Forin (Rowan University, USA)

Amit Jain (Boise State University, USA)

Lisa D. McNair (Virginia Tech, USA)

Marina Miletic (University of Illinois, USA)

Mani Mina (Iowa State University, USA)

Elsa Villa (The University of Texas at El Paso, USA)

Ella L Ingram (Rose-Hulman Institute of Technology, USA)

F4D: Entrepreneurship and Innovation

4:00 PM – 5:30 PM

Room: Marriott 2

DO ENGINEERING CREATIVITY/INNOVATION COURSES IMPACT ENGINEERING INNOVATIVENESS?.....1208

Daniel M Ferguson (Purdue University, USA & EDI GROUP Canada, Canada)

Wayne Li (GeorgiaTech, USA)

Jonathan Weaver (University of Detroit Mercy, USA)

Kathryn Jablokow (Penn State University, USA)

John Ochs (Lehigh University, USA)

Cristi Bell-Huff (Lawrence Tech, USA)

Wendy Newstetter (Georgia Institute of Technology, USA)

WORKING ON A START-UP: A CASE FOR AN APPLIED ENTREPRENEURSHIP ORIENTED COURSE FOR SENIOR UNDERGRADUATES.....1213

Cristinel Ababei (Marquette University, USA)

EMBEDDING PROBLEM-BASED LEARNING AND ENTREPRENEURIAL MINDED LEARNING INTO FLUID MECHANICS AND THERMODYNAMICS COURSES THROUGH FLUID POWER BASED MODULES.....1217

Liping Liu (Lawrence Technological University, USA)

James Mynderse (Lawrence Technological University, USA)

Robert Fletcher (Lawrence Technological University, USA)

Andrew L. Gerhart (Lawrence Technological University, USA)

THE FIRST COHORT IN A NEW INNOVATION, LEADERSHIP, AND ENGINEERING ENTREPRENEURSHIP B. S. DEGREE PROGRAM.....1225

Brooke Newell (University of Illinois at Urbana-Champaign, USA)

Lav R. Varshney (University of Illinois at Urbana-Champaign, USA)

F4E: Assessing Learning II

4:00 PM – 5:30 PM

Room: Marriott 3

VALIDATING & IMPLEMENTING ENGINEERING GRADUATE ATTRIBUTE RUBRICS IN A BIOSYSTEMS ENGINEERING CURRICULUM.....1231

Jillian J. Seniuk Cicek (University of Manitoba, Canada)

Danny Mann (University of Manitoba, Canada)

Sandra Ingram (University of Manitoba, Canada)

VISUAL ATTENTION BASED EVALUATION FOR MULTIPLE-CHOICE TESTS IN E-LEARNING APPLICATIONS.....1237

Wei Liu (Huazhong University of Science and Technology, P.R. China)
Mengling Yu (Huazhong University of Science and Technology, P.R. China)
Zijian Fan (Huazhong University of Science and Technology, P.R. China)
Jing Xu (Huazhong University of Science and Technology, P.R. China)
Yuan Tian (Central China Normal University, P.R. China)

DIRECT EVIDENCE OF ENGINEERING STUDENTS' GENERIC SKILLS LEARNING: FROM RESEARCH TO PRACTICE IN AN UNDERGRADUATE COURSE IN INFORMATION ENGINEERING.....1243

Rosanna Yuen-Yan Chan (The Chinese University of Hong Kong, Hong Kong)
Cecilia Chan (The University of Hong Kong, Hong Kong)
Carmen Lau (The Chinese University of Hong Kong, Hong Kong)
Jiaxin Liang (The Chinese University of Hong Kong, Hong Kong)
Huaiyi Huang (The Chinese University of Hong Kong, Hong Kong)
Qi Cao (The Chinese University of Hong Kong, Hong Kong)
Mehrdad Tahernia (The Chinese University of Hong Kong, Hong Kong)

BEHAVIOR DETECTION AND ANALYSIS FOR LEARNING PROCESS IN CLASSROOM ENVIRONMENT.....1248

Mengling Yu (Huazhong University of Science and Technology, P.R. China)
Jing Xu (Huazhong University of Science and Technology, P.R. China)
Jinrong Zhong (Huazhong University of Science and Technology, P.R. China)
Wei Liu (Huazhong University of Science and Technology, P.R. China)
Wenqing Cheng (Huazhong University of Science and Technology, P.R. China)

F4F: Faculty Development II

4:00 PM – 5:30 PM

Room: Marriott 4

INVESTIGATING STRATEGIES OF PRE-TENURE WOMEN ENGINEERING FACULTY TO OVERCOME MICROAGGRESSIONS IN THE CLASSROOM.....1252

Catherine Berdanier (The Pennsylvania State University, USA)
Sanyukta Baluni (Pennsylvania State University, USA)
Carey Whitehair (Pennsylvania State University, USA)

THE CURMUDGEON COUNTEREXAMPLE: SEEKING SUSTAINABLE STEM TRANSFORMATION.....1257

Kyle F Trenshaw (University of Rochester, USA)

ASPECTS THAT INFLUENCE CURRICULAR CHANGE CAPACITY: CHARACTERIZING THE TRANSFERABILITY, OPENNESS, AND LITERACY OF INDIVIDUAL CHANGEMAKERS.....1260

Tess Edmonds (Franklin W. Olin College of Engineering, USA)
Mel Chua (Franklin W. Olin College of Engineering, USA)

WHY ARE WE HERE? STUDENT PERSPECTIVES ON THE GOAL OF STEM HIGHER EDUCATION.....1264

Aletta Nylén (Uppsala University, Sweden)
Åsa Cajander (Uppsala University, Sweden)
Mats Daniels (Uppsala University, Sweden)
Arnold N Pears (Uppsala University & Royal Institute of Technology (KTH), Sweden)
Roger McDermott (Robert Gordon University, United Kingdom (Great Britain))

F4G: PK12 STEM Education - Understanding and Building Pathways

4:00 PM – 5:30 PM

Room: Marriott 7

SEEING ENGINEERING EVERYWHERE: CULTURALLY RELEVANT ENGINEERING ACTIVITIES WITH RURAL AND APPALACHIAN YOUTH.....1271

Andrew L Gillen (Virginia Tech, USA)

Jacob Grohs (Virginia Tech, USA)

Holly Matusovich (Virginia Tech, USA)

Cheryl Carrico (Virginia Tech, USA)

BUILDING THE K-12 ENGINEERING PIPELINE: AN ASSESSMENT OF WHERE WE STAND.....1277

Theresa Odun-Ayo (Missouri University of Science and Technology, USA)

Tayo Obafemi-Ajayi (Missouri State University, USA)

USING A VIRTUAL LEARNING ENVIRONMENT FOR PROBLEM-BASED LEARNING ADOPTION: A CASE STUDY AT A HIGH SCHOOL IN INDIA.....1286

Bruno Bessa (In Pernambuco Federal University CIN- Computer Centre, Brazil)

Simone Santos (Federal University of Pernambuco, Brazil)

Laio Fonseca (Federal University of Pernambuco, Brazil)

Pasqueline Scaico (UFPE – Center of Informatics, Brazil)

DEVELOPING AN UNDERSTANDING OF THE IMPLEMENTATION AND IMPACTS OF HIGH SCHOOL PRE-ENGINEERING PROGRAMS: MAKING THE CASE FOR A BENEFIT-COST ANALYSIS.....1293

Brandon Sorge (Indiana University-Purdue University Indianapolis, USA)

Justin L Hess (Indiana University-Purdue University Indianapolis, USA)

F4H: Educational Research - On Inclusion II

4:00 PM – 5:30 PM

Room: Marriott 8

SOCIAL AND LATENT IDENTITIES THAT CONTRIBUTE TO DIVERSE STUDENTS' BELONGINGNESS IN ENGINEERING.....1298

Brianna Benedict (Purdue University, USA)

Dina Verdín (Purdue University, USA)

Allison Godwin (Purdue University, USA)

Thaddeus Milton (Purdue University, USA)

STUDENT'S PERCEPTIONS OF THE SOCIAL RESPONSIBILITIES OF ENGINEERS.....1303

Athena Lin (University of Illinois at Urbana-Champaign, USA)

Michael C. Loui (Purdue University, USA)

MODERATING CULTURAL EFFECTS IN A HIGHER E-EDUCATION CONTEXT? SUPERVISOR'S TONE OF VOICE IN RECORDED AUDIO FEEDBACK.....1307

Anneli Heimbürger (University of Jyväskylä, Finland)

Ville Isomottonen (University of Jyväskylä, Finland)

METHODS MATTER: CONTRASTING UNDERGRADUATE RESEARCH EXPERIENCE OUTCOMES BASED ON SURVEYS AND INTERVIEW METHODS.....1312

Angela Bielefeldt (University of Colorado Boulder, USA)

Lupita Montoya (University of Colorado Boulder, USA)

Greg Rulifson (Colorado School of Mines, USA)

F4I: Pedagogical Approaches & Teaching Strategies III

4:00 PM – 5:30 PM

Room: Marriott 9

ENHANCING COLLABORATION AMONG UNDERGRADUATES IN INFORMATICS: A TEACHING AND LEARNING PROCESS BASED ON CROWDSOURCING.....1320

William Simão de Deus (Federal University of Technology – Paraná, Brazil)

Heydi Miura Machado (Federal University of Technology - Paraná, Brazil)

Renata Marques Barros (Federal University of Technology – Paraná, Brazil)

José Augusto Fabri (Federal University of Technology – Paraná, Brazil)

Alexandre L'Erario (Federal University of Technology – Paraná, Brazil)

THE APPRENTICESHIP PROJECT FOR EDUCATING A STEM-BASED WORKFORCE AND THE DISSEMINATION OF LEARNING TECHNOLOGY.....1328

Richard Alterman (Brandeis University, USA)

Maria Altebarmakian (Brandeis University, USA)

Kendall Harsch (Brandeis University, USA)

AN IMPACT COMPARISON OF TWO INSTRUCTIONAL SCAFFOLDING STRATEGIES EMPLOYED IN OUR PROGRAMMING LABORATORIES: EMPLOYMENT OF A SUPPLEMENTAL TEACHING ASSISTANT VERSUS EMPLOYMENT OF THE PAIR PROGRAMMING METHODOLOGY.....1335

Ronald Erdei (University of South Carolina Beaufort, USA)

John Springer (Purdue University, USA)

David Whittinghill (Purdue University, USA)

WIP - A MODIFICATION TO THE CASE STUDY METHOD TO TEACH STUDENTS TO READ ACADEMIC PAPERS.....1341

Peter A Jamieson (Miami University, USA)

F4J: Computational Thinking I

4:00 PM – 5:30 PM

Room: Marriott 10

EXPLORING COMPUTATIONAL THINKING ASSESSMENT IN INTRODUCTORY PROGRAMMING COURSES.....1345

Ana Liz Araujo (Federal University of Campina Grande, Brazil)
Jucelio Suarez (Universidade Federal de Campina Grande, Brazil)
Wilkerson L. Andrade (Federal University of Campina Grande, Brazil)
Dalton Guerrero (Universidade Federal de Campina Grande, Brazil)
Valentina Dagiene (Vilnius University, Lithuania)

AN EXPLORATORY STUDY ON INCLUSION OF VISUAL REPRESENTATIONS OF THERMODYNAMICS-RELATED PROBLEMS.....1354

Adetoun Yeaman (Virginia Tech, USA)
Karis Boyd-Sinkler (Virginia Tech, USA)
Diana Bairaktarova (Virginia Tech, USA)

THE USE OF COMPUTATIONAL THINKING IN DIGITAL FABRICATION PROJECTS A CASE STUDY FROM THE COGNITIVE PERSPECTIVE.....1358

Karen Borges (Universidade Federal do Rio Grande do Sul, Brazil)
Crediné Silva de Menezes and Léa Fagundes (Universidade Federal do Rio Grande do Sul, Brazil)

COMPUTATIONAL THINKING IN MATHEMATICS EDUCATION: A JOINT APPROACH TO ENCOURAGE PROBLEM-SOLVING ABILITY.....1364

Erick John Fidelis Costa (Federal University of Campina Grande, Brazil)
Lívia Campos (Federal University of Campina Grande, Brazil)
Dalton Guerrero (Universidade Federal de Campina Grande, Brazil)

Saturday, October 21st

SIB: Special Session: Engaging with the Multiple Institution Database for Investigating Engineering Longitudinal Development (MIDFIELD)

8:30 AM - 10:00 AM

Room: Santa Fe

ENGAGING WITH THE MULTIPLE INSTITUTION DATABASE FOR INVESTIGATING ENGINEERING LONGITUDINAL DEVELOPMENT (MIDFIELD).....1372

Susan M. Lord (University of San Diego, USA)

Matthew W Ohland (Purdue University, USA)

Russell Long (Purdue University, USA)

Marisa K. Orr (Clemson University, USA)

Catherine E. Brawner (Research Triangle Educational Consultants, USA)

Richard Layton (Rose-Hulman Institute of Technology, USA)

SIC: Visual Learning Platforms, Apps & Education Technologies

8:30 AM - 10:00 AM

Room: Marriott 1

DEVELOPMENT OF SIGNAL PROCESSING ONLINE LABS USING HTML5 AND MOBILE PLATFORMS.....1374

Abhinav Dixit (Arizona State University, USA)

Sameeksha Katoch (Arizona State University, USA)

Photini Spanias (Arizona State University, USA)

Mahesh Banavar (Clarkson University, USA)

Huan Song (Arizona State University, USA)

Andreas Spanias (ASU / SenSIP Center / School of ECEE, USA)

TEACHING SOFTWARE QUALITY VIA SOURCE CODE INSPECTION TOOL.....1379

Pedro H. A. Gomes (São Paulo State University & Faculty of Science and Technology, Brazil)

Rogério Garcia (São Paulo State University & Faculty of Science and Technology, Brazil)

Gabriel S. Souza (University of São Paulo & Institute of Mathematical and Computer Sciences, Brazil)

Danilo Eler (São Paulo State University & Faculty of Science and Technology, Brazil)

Celso Olivete Junior (São Paulo State University & Faculty of Science and Technology, Brazil)

Ronaldo Correia (São Paulo State University & Faculty of Science and Technology, Brazil)

SKETCHNOTING: A NEW APPROACH TO DEVELOPING VISUAL COMMUNICATION ABILITY, IMPROVING CRITICAL THINKING AND CREATIVE CONFIDENCE FOR ENGINEERING AND DESIGN STUDENTS.....1387

Verena Paepcke-Hjeltness (Iowa State University, USA)

Mani Mina (Iowa State University, USA)

Aziza Cyamani (Iowa State University, USA)

VREX: VIRTUAL REALITY EDUCATION EXPANSION COULD HELP TO IMPROVE THE CLASS EXPERIENCE.....1392

Ying Li (Beijing University of Aeronautics and Astronautics, P.R. China)

Zhang Jiong (Beijing University of Aero. & Astro, P.R. China)

Sun Wei (Beihang University, P.R. China)

Jingchun Wang (Chinese Science and Technology Museum, P.R. China)

Xiaopeng Gao (Beihang University, P.R. China)

SID: Cultivating Entrepreneurial Mindsets

8:30 AM - 10:00 AM

Room: Marriott 2

FOSTERING AN ENTREPRENEURIAL MINDSET IN "DIGITAL SYSTEMS" CLASS THROUGH A JIGSAW-PUZZLE MODEL.....1397

Nozar Tabrizi (Kettering University, USA)

AN ENTREPRENEURIAL APPROACH TO A SENIOR DESIGN COURSE.....1405

Allen Hoffman (Worcester Polytechnic Institute, USA)

CULTIVATING AN ENTREPRENEURIAL MINDSET IN AN UNDERGRADUATE ENGINEERING STATISTICS COURSE USING PROJECT-BASED LEARNING.....1410

Claudio Vignola (Arizona State University, USA)

Jeremi London (Arizona State University, USA)

Richard Ayala (Arizona State University, USA)

Wen Huang (Arizona State University, USA)

TEACHING ENTREPRENEURSHIP IN COMPUTER SCIENCE: LESSONS LEARNED.....1414

R. Pito Salas (Brandeis University, USA)

SIE: Student Retention I

8:30 AM - 10:00 AM

Room: Marriott 3

MOVING FROM MANAGING ENROLLMENT TO PREDICTING STUDENT SUCCESS.....1421

Deborah Trytten (University of Oklahoma, USA)

Amy McGovern (University of Oklahoma, USA)

PREDICTING STUDENTS' GRADUATION OUTCOMES THROUGH SUPPORT VECTOR MACHINES.....1430

Yulei Pang (Southern Connecticut State University, USA)

Nicolas Judd (SCSU, USA)

Joseph O'Brien (SCSU, USA)

Michael Ben-Avic (SCSU, USA)

A COMPARISON OF STATISTICAL METHODS FOR EXAMINING PERSISTENCE IN ENGINEERING.....1438

Daniel Kuzbary (Clemson University, USA)

Julia Sharp (Colorado State University, USA)

Catherine McGough (Clemson University, USA)

William C. Bridges (Clemson University, USA)

Lisa Benson (Clemson University, USA)

BEYOND ACADEMIC QUALITY: LESSONS FROM THE CREATION OF A NEW ENGINEERING DEGREE.....1444

Dale A Carnegie (Victoria University of Wellington, New Zealand)

James Eldridge (Victoria University of Wellington, New Zealand)

Craig Watterson (Victoria University of Wellington, New Zealand)

S1F: Developing Intercultural Competence

8:30 AM - 10:00 AM

Room: Marriott 4

EXPLORING GLOBAL SKILLS PROFICIENCY FOR ENGINEERING STUDENTS THROUGH A SHORT-TERM STUDY ABROAD PROGRAM.....N/A

Robert M O'Connell (University of Missouri-Columbia, USA)

Miguel Ayllon (University of Missouri, USA)

PREPARING STUDENTS FOR INTENSIVE GLOBAL FIELDWORK.....1451

Mary K. Pilotte (Purdue University, USA)

David Radcliffe (Swinburne University of Technology, Australia)

CULTIVATING GLOBAL MINDSETS WITHOUT LEAVING CAMPUS: BUILDING INTERCULTURALLY COMPETENT ENGINEER.....1456

Darshini Render (Purdue University, USA)

Isabel Jimenez-Useche (Purdue University, USA)

Charles Calahan (Purdue University, USA)

CURRICULAR CULTURE LITERACY AND MISCODES IN ITS ABSENCE: MAKING SENSE OF CONFLICTS IN CROSS-INSTITUTIONAL CURRICULAR COLLABORATIONS.....1464

Mel Chua (Franklin W. Olin College of Engineering, USA)

Tess Edmonds (Franklin W. Olin College of Engineering, USA)

SIG: PK12 STEM Education – By Design

8:30 AM - 10:00 AM

Room: Marriott 7

EMPATHY IN MIDDLE SCHOOL ENGINEERING DESIGN PROCESS.....1468

Henriette Burns (Washington State University, USA)

STUDENTS' SCIENCE TALK DURING ENGINEERING DESIGN IN LIFE SCIENCE-FOCUSED STEM INTEGRATION UNITS.....1472

Emilie A. Siverling (Purdue University, USA)

Selcen Guzey (Purdue University, USA)

Tamara J. Moore (Purdue University, USA)

ENABLING ACCESS TO ENGINEERING EDUCATION MATERIALS EVERYWHERE BY DESIGN.....1481

Susan Donohue (University of Virginia, USA)

Larry Richards (University of Virginia, USA)

STUDENT CONCEPTIONS OF 'CONDUCTING TESTS' IN DESIGN IN THE MIDDLE SCHOOL CLASSROOM.....1486

Molly Hathaway Goldstein (Purdue University, USA)

Sharifah A Omar (Purdue University, USA)

Robin Adams (Purdue University, USA)

Senay Purzer (Purdue University, USA)

SIH: Everything About Self-Efficacy

8:30 AM - 10:00 AM

Room: Marriott 8

DEVELOPMENT OF A SELF-EFFICACY SCALE FOR DIGITAL COMPETENCES IN SCHOOLS.....1490

Lars-Åke Nordén (Uppsala University, Sweden)

Linda Mannila (Linköping University, Sweden)

Arnold N Pears (Uppsala University & Royal Institute of Technology (KTH), Sweden)

INVESTIGATING UNDERGRADUATE STUDENTS' COMMUNICATION SELF-EFFICACY DURING AN ENGINEERING DESIGN COURSE.....1497

Deeksha Seth (Drexel University, USA)

Gabriel Carryon (Drexel University, USA)

SELF-EFFICACY OF TEACHING ENGINEERING: DOES TEK8 HELP OR HINDER?.....1506

Meg West (The Ohio State University, USA)

Rachel L. Kajfez (The Ohio State University, USA)

Anika Anthony (The Ohio State University, USA)

Howard Greene (The Ohio State University, USA)

Paul Post (The Ohio State University, USA)

NANOTECHNOLOGY EXPERIENCES FOR STUDENTS AND TEACHERS (NEST): ENHANCING TEACHERS' SELF-EFFICACY AND THEIR UNDERSTANDING OF STEM CAREER OPPORTUNITIES.....1511

Brandon Sorge (Indiana University-Purdue University Indianapolis, USA)

Grant Fore (Indiana University-Purdue University Indianapolis, USA)

Eric Nunnally (IUPUI, USA)

Gina Gibau (IUPUI, USA)

Mangilal Agarwal (Indiana University-Purdue University Indianapolis, USA)

SII: Pedagogical Approaches & Teaching Strategies IV

8:30 AM - 10:00 AM

Room: Marriott 9

LEARNING BY TEACHING STRATEGY TO IMPROVE LEARNING OUTCOMES FROM UNDERGRADUATE STUDENTS.....1516

Rodrigo Filev Maia (Centro Universitário da FEI, Brazil)

Gustavo Tercete (Centro Universitário FEI, Brazil)

PRACTICE OF MODEL-BASED DEVELOPMENT FOR AUTOMOTIVE ENGINEERS.....1522

Shin Wakitani (Hiroshima University, Japan)

Toru Yamamoto (Hiroshima University, Japan)

THE INFLUENCE OF TEACHING ASSISTANTS IN AN UNDERGRADUATE ENGINEERING LABORATORY COURSE.....1526

Rebecca Reck (Kettering University & University of Illinois at Urbana-Champaign, USA)

PROFESSIONAL AND ETHICAL DELIBERATION: EDUCATING ENGINEERING STUDENTS IN RESPONSIBLE WELLBEING.....1532

Luis O. Jimenez-Rodriguez (University of Puerto Rico Mayaguez Campus, Puerto Rico)

Aidsa I. Santiago-Román (University of Puerto Rico at Mayaguez, Puerto Rico)

Efraín O'Neill-Carrillo (University of Puerto Rico-Mayaguez, Puerto Rico)

S1J: Computational Thinking II

8:30 AM - 10:00 AM

Room: Marriott 10

DESIGN OF A MATLAB-BASED TEACHING TOOL IN INTRODUCTORY FRACTIONAL-ORDER SYSTEMS AND CONTROLS.....1541

Aleksei Tepljakov (Tallinn University of Technology, Estonia)

Emmanuel A Gonzalez (Association of Philippine Volunteer Fire Brigades, Inc., Philippines)

Ivo Petras (Technical University of Kosice, Slovakia)

Eduard Petlenkov (Tallinn University of Technology, Estonia)

AN OPERATIONALIZED MODEL FOR DEFINING COMPUTATIONAL THINKING.....1546

Tony Lowe (Purdue University, USA)

Sean Brophy (Purdue University, USA)

WHERE DOES THE CALCULUS GO? A FOLLOW UP INVESTIGATION OF HOW CALCULUS IDEAS ARE USED IN CORE ENGINEERING COURSEWORK.....1554

Brian Faulkner (University of Illinois, USA)

Geoffrey L Herman (University of Illinois at Urbana-Champaign, USA)

COMPUTATIONAL MODELING OF ABDUCTIVE REASONING: AN EXPERIMENTAL STUDY EMPLOYING THE CHR LANGUAGE IN AN EDUCATIONAL CONTEXT.....1558

Oswaldo L. Oliveira (Faccamp - Faculty of Campo Limpo Paulista, Brazil);

Ricardo J. Martins (Federal Institute of Education, Science and Technology - Ifsuldeminas - Campus Muzambinho, Brazil)

S2A: Special Session: Teaching to Promote a Growth Mindset

10:30 AM - 12:00 PM

Room: Lincoln

TEACHING TO PROMOTE A GROWTH MINDSET.....1566

Sarah Zappe (Penn State University, USA)

Stephanie L Cutler (Penn State, USA)

Thomas Litzinger (Penn State University, USA)

S2B: Special Session: Fostering Metacognition Development in a STEM Context

10:30 AM - 12:00 PM

Room: Santa Fe

FOSTERING METACOGNITION DEVELOPMENT IN A STEM CONTEXT.....1568

Jeffrey J. Evans (Purdue University, USA)

Justin Seipel (Purdue University, USA)

Michael Smith (Purdue University, USA)

Amy S Van Epps (Purdue University, USA)

S2C: Panel: FIE 2017 Reviewing the past, predicting the future

10:30 AM - 12:00 PM

Room: Marriott 1

FIE 2017: REVIEWING THE PAST, PREDICTING THE FUTURE.....1571

Larry Richards (University of Virginia, USA)

Susan M. Lord (University of San Diego, USA)

Cynthia Finelli (University of Michigan, USA)

Elizabeth A. Eschenbach (Humboldt State University, USA)

P Imbrie (University of Cincinnati, USA)

Larry Shuman (University of Pittsburgh, USA)

Karl Smith (University of Minnesota & Purdue University, USA)

Ann McKenna (Arizona State University, USA)

Cynthia Atman (University of Washington, USA)

S2D: Information Literacy

10:30 AM - 12:00 PM

Room: Marriott 2

A PILOT "BIG DATA" EDUCATION MODULAR CURRICULUM FOR ENGINEERING GRADUATE EDUCATION: DEVELOPMENT AND IMPLEMENTATION.....1574

Megan Sapp-Nelson (Purdue University, USA)

Line Pouchard (Brookhaven National Laboratory, USA)

INTEGRATING DATA INFORMATION LITERACY EDUCATION INTO A SERVICE-LEARNING ENGINEERING DESIGN COURSE.....1579

Margaret Phillips (Purdue University, USA)

Mohammad Reza Jahanshahi (Purdue University, USA)

GRIP: A UNIVERSITY'S PROGRAM DEVELOPS TRACKS TO BRIDGES, A PROFESSIONAL DEVELOPMENT OPPORTUNITY.....1584

Nastasha Johnson (Purdue University, USA)

David Zwicky (Purdue University, USA)

USING DESIGN JOURNALS TO UNCOVER INFORMATION LITERACY HABITS OF FIRST-YEAR STUDENTS.....1587

Michael Fosmire (Purdue University, USA)

Nastasha Johnson (Purdue University, USA)

Nathan Mentzer (Purdue University, USA)

S2E: Student Retention II

10:30 AM - 12:00 PM

Room: Marriott 3

THE ROLE OF STUDENT PASSIONS INSIDE THE ENGINEERING CURRICULUM.....1592

Jessica Deters (Virginia Tech, USA)

Jon Leydens (Colorado School of Mines, USA)

THE I-C-D-M METHODOLOGY: IMPROVING UNDERGRADUATE ENGINEERING STUDENT MOTIVATION, SATISFACTION, AND PERFORMANCE.....1598

Paul Lynch (Penn State Behrend, USA)

Shraddha Sangelkar (Penn State Erie, USA)

Gina Demeo (Penn State Behrend, USA)

Beshoy Morkos (Florida Institute of Technology, USA)

GRIT AND TWO-YEAR ENGINEERING RETENTION.....1605

Dong San Choi (University of Illinois at Urbana-Champaign, USA)

Beth Myers (University of Colorado Boulder, USA)

Michael C. Loui (Purdue University, USA)

IMPACT OF COURSE POLICY CHANGES ON CALCULUS II DFW RATES.....1608

Paran R. Norton (Clemson University, USA)

Karen A High (Clemson University, USA)

William C. Bridges (Clemson University, USA)

S2G: PK12 Teacher Development

10:30 AM - 12:00 PM

Room: Marriott 7

ASSESSING THE STATE OF ENGINEERING INSTRUCTION IN MAINE'S K-12 SCHOOLS.....1612

Raul Urbina (University of Maine, USA)

Wilhelm Friess (University of Maine, USA)

AN EVALUATION OF A RESEARCH EXPERIENCE FOR TEACHERS IN NANOTECHNOLOGY.....1617

Justin L Hess (Indiana University-Purdue University Indianapolis, USA)

Anthony Chase (Indiana University-Purdue University Indianapolis, USA)

Dan Minner (Indiana University-Purdue University Indianapolis, USA)

Maher Rizkalla (Indiana University-Purdue University Indianapolis, USA)

Mangilal Agarwal (Indiana University-Purdue University Indianapolis, USA)

CHALLENGES ENCOUNTERED BY ELEMENTARY EDUCATION MAJOR STUDENTS WHEN LEARNING ENGINEERING.....1624

Devayan D Bir (Iowa State University, USA)

Dagney Pakach (Iowa State University, USA)

Grace Wilkins (Iowa State University, USA)

Logan Angstead (Iowa State University, USA)

Kelvin Miskowicz (Iowa State University, USA)

Hubert Ooi (Iowa State University, USA)

Benjamin Ahn (Iowa State University, USA)

S2H: Using Analytics to Think About Teaching and Learning I

10:30 AM - 12:00 PM

Room: Marriott 8

A CONCEPTUAL FRAMEWORK FOR ANALYZING STUDENTS' FEEDBACK.....1629

Swapna Gottipati (Singapore Management University, Singapore)

Venky Shankararaman (Singapore Management University & School of Information Systems, Singapore)

Sandy Gan (SMU, Singapore)

A WORD-SPACE VISUALIZATION APPROACH TO STUDY COLLEGE OF ENGINEERING MISSION STATEMENTS.....1637

Sreyoshi Bhaduri (Virginia Tech, USA)

Tamoghna Roy (DSPRL - Wireless@VT, USA)

FINDING OUT TOPICS IN EDUCATIONAL MATERIALS USING THEIR COMPONENTS.....1642

Márcio Saraiva (University of Campinas, Brazil)

Claudia Medeiros (University of Campinas, Brazil)

TOWARD UNDERSTANDING NOVICES' SEARCH PROCESS IN PROGRAMMING PROBLEM SOLVING.....1649

Yihan Lu (Arizona State University, USA)

Ihan Hsiao (Arizona State University, USA)

S2I: Use of Blended Learning Environments in General

10:30 AM - 12:00 PM

Room: Marriott 9

CONCEPTUAL FRAMEWORK OF EDUCATIONAL RESOURCES ADAPTATION FOR IMPROVE COLLABORATIVE LEARNING IN VIRTUAL LEARNING ENVIRONMENTS.....1656

Vitor Bremgartner (Federal University of Amazonas, Brazil)

José Francisco Magalhães, Netto (Federal University of Amazonas, Brazil)

Crediné Silva de Menezes (Universidade Federal do Rio Grande do Sul, Brazil)

EVALUATION AND ASSESSMENT OF A NOVEL TRAINING PROGRAM FOR WORKING ON ELECTRIC VEHICLES.....1665

Heiko Fechtner (University of Wuppertal, Germany)

Karl-Heinz Saes (TÜV NORD Bildung GmbH & Co. KG, Germany)

Murat Ismail (University of Wuppertal, Germany)

Benedikt Schmuelling (University of Wuppertal, Germany)

EDUCATIONAL VIDEO SERVICES IN UNIVERSITIES: A SYSTEMATIC EFFECTIVENESS ANALYSIS.....1670

Luca Cagliero (Politecnico di Torino, Italy)

Laura Farinetti (Politecnico di Torino, Italy)

Marco Mezzalama (Politecnico di Torino, Italy)

Enrico Venuto (Politecnico di Torino, Italy)

Elena Baralis (Politecnico di Torino, Italy)

EXPLORING THE EFFECTIVENESS OF STUDENT-GENERATED VIDEO TUTORIALS IN ELECTRONIC LAB-BASED TEACHING.....1679

Shaofeng Lu (Xi'an Jiaotong-Liverpool University, P.R. China)

Ying Cheng (Xi'an Jiaotong-Liverpool University, P.R. China)

Xiaoyang Wang (Xi'an Jiaotong-Liverpool University, P.R. China)

Yang Du (Xi'an Jiaotong-Liverpool University, P.R. China)

Eng Gee Lim (Xi'an Jiaotong-Liverpool University, P.R. China)

S2J: Cyber Security

10:30 AM - 12:00 PM

Room: Marriott 10

CYBERCSP: INTEGRATING CYBERSECURITY INTO THE COMPUTER SCIENCE PRINCIPLES COURSE.....1683

Sumita Mishra (Rochester Institute of Technology, USA)

Rajendra Raj (Rochester Institute of Technology, USA)

Paul Tymann (Rochester Institute of Technology, USA)

Jamie Fagan (Webster Central School District, USA)

Sage Miller (Webster Central School District, USA)

CYBER SECURITY TRAINING: A SURVEY OF SERIOUS GAMES IN CYBER SECURITY.....1688

Jin-Ning Tioh (Iowa State University, USA)

Mani Mina (Iowa State University, USA)

Doug Jacobson (Iowa State University, USA)

LESSONS LEARNED FROM COMPLEX HANDS-ON DEFENCE EXERCISES IN A CYBER RANGE.....1693

Jan Vykopal (Masaryk University, Institute of Computer Science, Brno, Czech Republic)

Martin Vizvary (Masaryk University, Institute of Computer Science, Brno, Czech Republic)

Radek Oslejsek (Masaryk University, Faculty of Informatics, Brno, Czech Republic)

Pavel Celeda (Masaryk University, Institute of Computer Science, Brno, Czech Republic)

Daniel Tovarnak (Masaryk University, Institute of Computer Science, Brno, Czech Republic)

DEMYSTIFYING AD FRAUD.....1701

Shilpa Kumari (North Carolina A&T State University, USA)
Xiaohong Yuan (North Carolina A & T State University, USA)
Joshua Patterson (North Carolina A&T State University, USA)
Huiming Yu (North Carolina A&T State University, USA)

S3C: Mobile Learning Platforms, Apps & Education Technologies**1:30 PM – 3:00 PM****Room:** Marriott 1**TEACHING RANGING AND LOCALIZATION USING BLUETOOTH ON ANDROID DEVICES.....1706**

Kevin Mack (Clarkson University, USA)
Mahesh Banavar (Clarkson University, USA)

LEARNING DATABASE SECURITY WITH HANDS-ON MOBILE LABS.....1711

Kai Qian (Kennesaw State University, USA)
Dan Chia-Tien Lo (Kennesaw State University, USA)
Hossain Shahriar (Kennesaw State University)
Lei Li (Kennesaw State University, USA)
Fan Wu (Tuskegee University, USA)
Prabir Bhattacharya (Morgan State University, USA)

MIDROID: AN OPEN MOBILE PLATFORM FOR LEARNING FOCUSED ON MICROCONTROLLERS' EDUCATION.....1717

Jonathan Alvarez (Universidad Minuto de Dios, Colombia)

REQML-CATALOG: THE ROAD TO A REQUIREMENTS CATALOG FOR MOBILE LEARNING APPLICATIONS.....1722

Gustavo Willians Soad (University of São Paulo (USP), Brazil)
Maria Lydia Fioravanti (University of São Paulo, Brazil)
Venilton Falvo Jr (University of Sao Paulo, Brazil)
Anderson Marcolino (University of São Paulo, Brazil)
Nemesio Freitas Duarte Filho (Federal Institute of São Paulo (IFSP), Brazil)
Ellen Barbosa (University of São Paulo, Brazil)

S3D: Everything Robotics**1:30 PM – 3:00 PM****Room:** Marriott 2**ROBOTICS EDUCATION ONLINE.....1731**

Carlotta A Berry (Rose-Hulman Institute of Technology, USA)

TEACHING SOFTWARE MAINTENANCE WITH LUDIC TECHNIQUES SUPPORTED BY ROBOTICS.....1737

Hellen Seródio Thomazinho (Universidade Tecnológica Federal do Paraná & UTFPR, Brazil)
Alexandre L'Erario (Universidade Tecnológica Federal do Paraná, Brazil)
José Augusto Fabri (Universidade Tecnológica Federal do Paraná, Brazil)

A METHODOLOGY OF CONTEXTUALIZED EDUCATIONAL ROBOTICS.....1745

Samuel O. Azevedo (Universidade Federal Rural do Semi-árido, Brazil)
Leonardo de Miranda (Federal University of Rio Grande do Norte (UFRN), Brazil)
José Bezerra Júnior (Universidade Federal Rural do Semi-árido, Brazil)

COMPUTATIONAL VISION APPLIED TO THE MONITORING OF MOBILE ROBOTS IN EDUCATIONAL ROBOTIC SCENARIOS.....1754

Marcel L. Rios (Federal Institute of Rondônia, Brazil)
José Francisco Magalhães, Netto (Federal University of Amazonas, Brazil)
Thais Almeida (Federal University of Roraima, Brazil)

S3G: STEM Outreach**1:30 PM – 3:00 PM****Room: Marriott 7**

WHAT COMPUTING INSTRUCTORS DID LAST SUMMER: EXPERIENCES AND LESSONS LEARNED.....1761

Tina Vrieler (Uppsala University, Sweden)

Aletta Nylén (Uppsala University, Sweden)

Åsa Cajander (Uppsala University, Sweden)

WHAT (DE)MOTIVATES ONE TO VOLUNTEER IN K-12 STEM-C OUTREACH ACTIVITIES?.....1769

Tomislav Jagušć (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia)

Iva Bojic (Massachusetts Institute of Technology, USA)

Ana Sović (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia)

Anamari Nakić (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia)

Mislav Grgić (University of Zagreb & Faculty of Electrical Engineering and Computing, Croatia)

LEVERAGING A MULTI-PARTNER APPROACH TO DEVELOP SUCCESSFUL STEM OUTREACH PROGRAMS.....1774

Glenda D. Young (Virginia Tech, USA)

David Knight (Virginia Tech, USA)

Walter C. Lee (Virginia Tech, USA)

Monica Cardella (Purdue University, USA)

Morgan Hynes (Purdue University, USA)

Karl Reid (National Society of Black Engineers, USA)

Trina Fletcher (National Society of Black Engineers, USA)

INVOLVING LOCAL ADMINISTRATIONS IN STEM PROMOTION: HOW TO EXTEND STEM INITIATIVES TO A WHOLE REGION.....1779

Francisco Fernández de Vega (University of Extremadura, Spain)

Francisco Chavez (Universidad de Extremadura, Spain)

M^a Concepción García Román (Fundación Universidad Sociedad Uex, Spain)

S3H: Using Analytics to Think About Teaching and Learning II**1:30 PM – 3:00 PM****Room: Marriott 8**

USING INFORMATION TECHNOLOGY FOR PERSONALIZING THE COMPUTER SCIENCE TEACHING.....1786

André Prisco (Universidade Federal do Rio Grande - FURG, Brazil)

Rafael dos Santos (Federal University of Rio Grande, Brazil)

Sílvia Botelho (Federal University of Rio Grande, Brazil)

Neilor Tonin (URI - Campus Erechim, Brazil)

Jean Bez (Federal University of Rio Grande do Sul, Brazil)

A REFERENCE ARCHITECTURE FOR EDUCATIONAL DATA MINING.....1793

Francisco Araujo de Almeida, Neto (Universidade Federal do Amazonas, Brazil)

Alberto Castro, Jr. (UFAM - Federal University of Amazonas, Brazil)

COMPARATIVE STUDY OF XAPI VALIDATION TOOLS.....1801

Thomas Rabelo (Universidade de Santiago de Compostela & Faculdade de Ciências Aplicadas e Sociais de Petrolina (FACAPE), Spain)

Juan Vidal (Universidade de Santiago de Compostela, Spain)

Manuel Lama (Universidade de Santiago de Compostela, Spain)

Ricardo José Rocha Amorim (Universidade do Estado da Bahia (UNEB) & Faculdade de Ciências Aplicadas e Sociais de Petrolina (FACAPE), Spain)

SUPPORTING QUALITY TEACHING USING EDUCATIONAL DATA MINING BASED ON OPENEDX PLATFORM.....1806

Han Wan (Beihang University, P.R. China)
Jun Ding (Beihang University, P.R. China)
Xiaopeng Gao (Beihang University, P.R. China)
Kangxu Liu (Beihang University, P.R. China)

S3I: Problem/Project Based Learning (PBL)

1:30 PM – 3:00 PM

Room: Marriott 9

CROSS-COURSE PROJECT-BASED LEARNING IN REQUIREMENTS ENGINEERING: AN EIGHT-YEAR RETROSPECTIVE.....1813

Joshua Nwokeji (Gannon University, USA)
Stephen Frezza (Gannon University, USA)

APPLYING THE AGILE MANIFESTO TO A PROJECT-BASED LEARNING EXPERIMENT: A STATISTICAL ANALYSIS.....N/A

Laio O Seman (University of Blumenau - FURB, Brazil)
Luiz Alberto Koehler (Regional University of Blumenau (FURB), Brazil)
Romeu Hausmann (University of Blumenau - FURB, Brazil)
Eduardo A Bezerra (Federal University of Santa Catarina, Brazil)

HOW DO STUDENTS EXPERIENCE THE PROBLEM-SOLVING STUDIO?.....1822

Joseph M. Le Doux (Georgia Institute of Technology, USA)
Emily Henselder (Georgia Institute of Technology, USA)
Lavanya Natchiappan (Georgia Institute of Technology, USA)
Samantha Swamy (Georgia Institute of Technology, USA)

EFFECTIVENESS OF PROBLEM-BASED LEARNING IN THE ACADEMIC PERFORMANCE OF COURSE 'PHYSICS I'.....1827

Silvia Espinoza (Tecsup, Peru)

S3J: Innovative Applications of Raspberry PI & Arduino

1:30 PM – 3:00 PM

Room: Marriott 10

RASPBERRY PI CREATIVITY: A STUDENT-DRIVEN APPROACH TO TEACHING SOFTWARE DESIGN PATTERNS.....1833

Chad Williams (Central Connecticut State University, USA)
Stan Kurkovsky (Central Connecticut State University, USA)

MAKING OPERATING SYSTEMS MORE APPETIZING WITH THE RASPBERRY PI.....1842

Ziad Youssfi (Ohio Northern University, USA)

INCORPORATING A RASPBERRY PI INTO A COMPUTER INFORMATION SYSTEMS INITIAL COURSE.....1846

Gina Cooper (Devry University, USA)

ASSESSING THE USE OF OPEN SOURCE MICROCONTROLLER BOARD FOR TEACHING ENGINE SENSING AND COMMUNICATION IN AUTOMOTIVE LABORATORY.....1851

Yuetong Lin (Embry-Riddle Aeronautical University Worldwide, USA)
James Connors (Indiana State University, USA)
Scott Livengood (Tractor Tools Direct, USA)