

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

Design in Engineering Education Division:

282: Using Portfolios to Tell the Design Backstory

288: Integrating Life's principles in Engineering Design Process

331: Analysis of Reflective Memos

370: Integrating Design Thinking into Higher Education in Singapore

374: Introductory Project-Based Design Course to Meet Socioeconomic Challenges

535: A Cognition-Based Classification Scheme for Design Techniques

618: Development of Teaching Material for Programmable Virtual Instrument Measurement Technique

667: Six Marketing Concepts Every Design Engineer Should Know

708: The Art of Engineering

791: Implementation of an Integrated Project-Based Approach Within an Established and EAC-of -ABET Accredited Interdisciplinary Electromechanical/Biomedical Engineering Program

822: Engineering and Industrial Design Education Collaboration

870: Sustainable Development Capstone Project: Collaboration between Architecture and Engineering Students

887: Design squared: Integrating Designers and Engineers

894: A Comparison of Design Education Across Two Fields: Lessons from Industrial Design and Mechanical Engineering

899: Roles in the Design Process: A Survey of Engineering and Industrial Design Educators


1315: Factors that Influence the Creativity of Engineering Students

1345: The Professional Spine: Creation of a Four-Year Engineering Design and Practice Sequence

1386: Design in Engineering, Computing, and Architecture: From Inspiration to Outcome

1945: "So you can teach engineers to be creative? You must be joking!"

1967: The Role of Spatial-Visual Skills in a Project-Based Engineering Design Course

1989: Designing in a Social Context: Situating Design in a Human-Centered World

Stephanie Adams, ASEE President

2129: Design in Context: Where do the Engineers of 2020 Learn this Skill?

2181: Re-Designing Capstone Design: Two Years of Experience

~~2201: Senior Design: Electrical and Computer Engineering and Business Students working together on Cross-Functional Teams in Senior Design~~

2206: Elements of Visual Literacy and Presentation Design from First Year Student Projects

2231: The Development of a Concept "Air-Car" as Instruction Instrumentation

2233: Optimizing the Elements of Front End Engineering Design

2260: Observation of Cross-Disciplinary Practices in a Design Learning Context

2304: A Multidisciplinary Design Project: Various Possible Geometries of Imperial Roman Artillery

2315: Transfer from Capstone Design: A Model to Facilitate Student Reflection

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Reviewed the Following Papers

Design in Engineering Education Division:

2980: HOW TO PREPARE THE ENGINEERING STUDENTS FOR 21ST CENTURY- A CASE STUDY

3070: A Multidisciplinary Capstone Senior Project: Interactive Cooling System

4979: Creativity Garden Analogy

5246: YouTube: An Effective CAD Training Resource

5367: The Development of a DfX

5456: Gamification as a Strategy for Promoting Deeper Investigation in a Reverse Engineering Activity

5517: Broadening Horizons: Developing Interdisciplinary Engineering Capstone Design Projects

For the 2012 ASEE Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

Design in Engineering Education Division:

6527: Training Future Designers: A Study on the Role of Physical Models

7527: Teaching Sustainability in an Engineering Graphics Class with Solid Modeling Tool

8079: Accreditation Inspired Project Oriented Design Based Learning Curriculum for Engineering Education

For the 2013 ASEE Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

Design in Engineering Education Division:

8987: Hands-on Design Online

8999: Seeing the Silver Lining on Every Cloud - Turning a Community's "Issue" into a Transportation Capstone Project

9025: Virtual or Physical Prototypes? Development and Testing of a Prototyping Planning Tool

9046: The Development of Competencies in a Design Course from a Student Perspective

9064: Creativity in Green Roof Design: Digital Consensual Assessment Outcomes from a High School Engineering Camp

9073: Student Experiences In An Interdisciplinary Studio-Based Design Course: The Role Of Peer Scaffolding

9665: A Study on the Factors Influencing the Usage of Environmentally Friendly Products

9992: An Experimental Study of Team Effectiveness and Satisfaction in an Engineering Design Course

10180: A Framework for Fostering Compassionate Design Thinking During the Design Process

For the 2014 ASEE Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

Biological and Agricultural Engineering Division:

14892: Effectiveness of ITIL: Decision makers' perspectives

15147: STRIDER: Semi-Autonomous Tracking Robot with Instrumentation for Data-Acquisition and Environmental Research

15791: On-line student portfolios for undergraduate professional development

16229: Food Engineering Students' Creative Experiences in a Capstone Course

First-Year Programs Division:

15127: Motivation and Learning Strategies of High School and University Students

15177: Improving Self-Efficacy of Engineering and Technology Students through a First-Year Bridge Course on Engineering- Mathematics-Programming

Manufacturing Division:

14516: MAKER: An Entry-Level Robotic System Design Project for Undergraduates and K12

14537: MAKER: Development of Smart Mobile Robot System to Help Middle School Students Learn about Robot Perception

15611: Teaching Work-Holding in Undergraduate Classes

15654: An Industrial Robotics Course for Manufacturing Engineers

15827: Hands-On Entrepreneurial Engineering Management Course and Its Experiential Learning

15985: The Cards Wager Assignment: Betting Homework Points on Statistical Process Control

Design in Engineering Education Division:

14853: Proposal-Based Learning for Freshman Introduction to Engineering

15746: Lighting the Fuse for Creative Problem Solving

16119: Design, Diversity, and Diffusion: An Examination in First-Year Engineering

17004: Using Paradigm-Relatedness to Measure Design Ideation Skills

17084: WORK IN PROGRESS: Design Fixation in First-Year Engineering Students' Problem Solving

17089: WORK IN PROGRESS: Quantitative Information Acquisition and Utilization by First-Year Engineering Students

Engineering Leadership Development Division:

16163: Developing a Professional and Personal Network as a Method for Deepening Lessons in Engineering Leadership


Stephanie Adams, ASEE President

For the 2016 ASEE Annual Conference & Exposition

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

Design in Engineering Education Division:

17914: Work in Progress: Engineering Design in Secondary Biology

18507: Examining the Effect of a Paradigm-Relatedness Problem-Framing Tool on Idea Generation

18878: INTERACTIVE VIRTUAL SIMULATION FOR CONSTRUCTION EDUCATION: A CASE STUDY OF THE GIANT WILD GOOSE PAGODA

19045: Scaffolding Design Outcomes Across a Four-Year General Engineering Degree Program

19259: Negotiating Tensions of Autonomy and Connection in Makerspace Cultures: A Qualitative Examination of a University's Makerspaces

Ocean and Marine Division:

18600: Apply Second Order System Identifications

18945: Using Principles of Green Chemistry and Green Engineering to Guide the Development of a Systematic Approach for Mitigating Polymer-based Pollution

19318: A Case Study on Gender Gap in Massachusetts Maritime Academy

20057: Ocean and Marine Engineering Graduate Programs in the US

Construction Engineering Division:

19506: Technological and Social Dimensions of Engaging Lower Division Undergraduate Construction Management Students with Experiential and Project Based Learning

Engineering Leadership Development Division:

18217: Student Perceptions and Attitudes Towards a Required vs. an Optional Course in Leadership

Military and Veterans Division:

18054: A STEM Mentorship Program to Improve Veteran Student Efficacy at Georgia Southern University - Year 1

18356: Supporting Veteran Students Along Engineering Pathways: Faculty, Student, and Researcher Perspectives

For the 2017 ASEE Annual Conference & Exposition


Stephanie Adams, ASEE President

Reviewer Certificate

This is to certify that

Marjan Eggermont

Reviewed the Following Papers

First-Year Programs Division:

21825: A Conceptual Design Activity for a First-year Mechanical Engineering Course

For the 2018 ASEE Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

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Marjan Eggermont

Reviewed the Following Papers

First-Year Programs Division:

25743: Examining Epistemological Views of Engineering among First-Year Engineering Students

26612: Increasing Retention Rates to Over 90% with At-Risk Populations

Engineering Design Graphics Division:

24741: An Investigation into the Value and Benefits of the SOLIDWORKS Certification Program

24827: Introduction of Whiteboards to Improve Sketching in Computer-Aided Design Courses

26665: Using Digital Sketching and Augmented Reality Mobile Apps to Improve Spatial Visualization in a Freshmen Engineering Course

27553: Teaching and assessing infographic to first year college students

For the 2019 ASEE Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

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Marjan Eggermont

Reviewed the Following Papers

24990: Can Eye Tracking Detect Implicit Bias Among People Navigating Engineering Environments?

For the 2019 CoNECD - The Collaborative Network for Engineering and Computing Diversity



Stephanie Adams, ASEE President

Reviewer Certificate

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Marjan Eggermont

Reviewed the Following Papers

Design in Engineering Education Division:

28835: Unconscious Bias in Peer Ratings of International Students' Contributions to First-Year Design Projects

30027: Human-centered design projects and the effect on students' perception of engineers in society

Biological and Agricultural Engineering Division:

29201: Comparison of Instruments for Self and Peer Evaluation of Team-Member Contributions and Experiences

30162: Garden TOOLS: Engaging elementary students in technology-rich agricultural engineering projects in outdoor learning spaces

For the 2020 Annual Conference & Exposition



Stephanie Adams, ASEE President

Reviewer Certificate

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Marjan Eggermont

Reviewed the Following Papers

28443: How do Makerspaces Support Problem-Based Learning in Engineering Education?

28377: An Argument for Diversity in Assessment of K-12 Engineering: Developing a Method for Assessment That Creates Opportunities for Diverse Students

For the 2020 CoNECD - Collaborative Network for Computing & Engineering Diversity



Stephanie Adams, ASEE President
