



In This Issue

CHAIR'S CORNER 1

FROM THE EDITOR 2

ASEE NATIONAL CONFERENCE 2

NATIONAL AWARDS/CONFERENCE RECAPS: 3

MORGAN STATE UNIVERSITY: SPRING 2017 SECTION CONFERENCE: 3

PENN STATE UNIVERSITY, BERKS CAMPUS: FALL 2017 SECTION CONFERENCE: 3

LIFETIME ACHIEVEMENT, DISTINGUISHED TEACHING AWARD, BEST PAPER 4

BEST CAMPUS REP 4

WOULD YOU LIKE TO HOST A SECTION CONFERENCE?..... 5

UPCOMING MIDDLE ATLANTIC SECTION MEETING HOSTS 5

KNOW YOUR OFFICERS 5

CHAIR'S CORNER

Dear Mid-Atlantic Section Members,

Happy Spring! As we all know, our engineering graduates are stepping into a workplace which is very competitive and rapidly changing. Recent innovations in manufacturing systems, advanced materials, informatics, and artificial intelligence promise to benefit engineering solutions. Physical and cyber systems are increasingly becoming integrated. Our graduates are expected to apply these advanced technologies to complex and multi-dimensional problems that our society faces in urbanization, healthcare, environment, transportation, security, and many other areas. In order to meet the new industrial revolution, we must confront the challenges to educate the leaders of the future. We need the graduates to excel in professional skills, such as teamwork, social responsibility, real-time decision making in addition to perfect technical skills. Therefore, I strongly believe that we should continue to learn from each other in venues like ASEE Conferences.

I am looking forward to seeing you all at our Spring Conference, April 6-7, 2018 with the theme of ***Educating the Engineers and***

Scientists of the 21st Century. I know that the committee chairs, Nian Zhang and Paul Cotae at the University of District of Columbia are working hard to host another successful meeting. Click [here](#) for more conference information. On behalf of the executive committee, I would like to invite you to participate in our next Executive Committee meeting and all other conference sessions. We will learn from each other and also, celebrate the successes of our Award Winners. Other exiting news is that Pritpal (“Pali”) Singh, was elected as the ASEE Zone I Chair-Elect, effective June 2018. Pali served in many capacities in our Mid Atlantic Section, including the Section chair. Congratulations, Pali, well deserved!

If you would like to become more involved with our Section the executive committee invites you to join us at our Executive Committee meeting on Friday, April 6 at 5:00pm. We are open to new ideas to promote excellence in engineering science and technology education in the Middle Atlantic Section. With this opportunity, I would like to thank all of our current Executive Committee Members.

Please contact me if you have questions about the ASEE Middle Atlantic Section.

Best regards,



Sadan Kulturel-Konak,
Professor, Management Information
Systems
Director, Flemming Creativity,
Entrepreneurship and Economic
Development (CEED) Center
Penn State Berks
Section Chair, 2017-2018
sadan@psu.edu

FROM THE EDITOR

It takes a team of dedicated individuals to make a Section successful; please acknowledge the Officers, Executive and Advisory Committee members, and K-12 teachers. Also, thanks to our industrial partners that sponsor our Section conferences.

If you are contemplating writing a paper, Section conference proceedings from 2007-present are available on the ASEE website; visit the site to view your colleagues' work. The proceedings website is [here](#).

Also, the Mid-Atlantic Section is one of a few that offer two conferences per year, Fall and Spring. We have always had good participation at section conferences, but to continue improving we need your input. Contact any officer with your ideas.

Please feel free to share exciting engineering education activities at your institution; send me a brief note with the specifics. Finally, visit our Section website [here](#).

Lawrence Chatman
Newsletter Editor and Webmaster
Lchatman@camdencc.edu

2018 ASEE NATIONAL CONFERENCE SALT LAKE CITY, UT

The 125th Annual Conference & Exposition of ASEE Conference will be held in Salt Lake City, UT. The ASEE Annual Conference and Exposition is the only conference dedicated to all disciplines of engineering education. ASEE is committed to fostering the exchange of ideas, enhancing teaching methods and curriculum, and providing prime networking opportunities for engineering and technology education stakeholders, such as deans, faculty, industry and government representatives. For more information visit [here](#).

ASEE NATIONAL AWARDS

There are a number of National Awards sponsored by ASEE: Distinguished Teaching, Best Paper, Best Campus Rep, to name a few. Please consider nominating a worthy colleague from our Section. Most awards begin at the Section-level; winners are forwarded to National for consideration at that level. Information about awards is available at the ASEE website [here](#). Many Middle Atlantic members have won national awards and served in leadership positions. Our tradition of nominating worthy candidates for these positions is historic. Let's keep the streak going! Nominate a colleague.

CONFERENCE RECAPS

SPRING 2017 MID-ATLANTIC SECTION CONFERENCE: MORGAN STATE UNIVERSITY

Conference Chair: Yacob Astatke, yacob.astatke@morgan.edu

60 participants enjoyed the activities of the Spring 2017 Conference at Morgan State University, April 7-8. Workshop Presentations were delivered by:

- Mr. Charles Hickman on proposed changes to the ABET criteria
- Dr. Tiago Forin & Dr. Steph on Improving Recruitment and Retention through Inclusive Practices and Engagement

A variety of paper presentations provided for an exchange of information among colleagues.

FALL 2017 MID-ATLANTIC SECTION CONFERENCE: PENNSYLVANIA STATE UNIVERSITY, BERKS CAMPUS

Conference Chair: Sadan Kulturel-Konak

Conference Theme: ***“Educating Engineers for the Innovation Economy”***

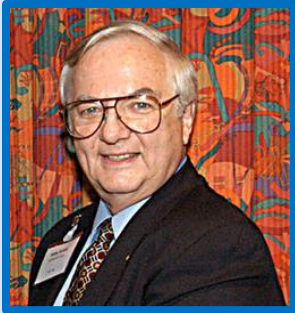
Over 100 participants enjoyed the Fall Conference which was hosted by Penn State, Berks on October 6-7, 2017 with the theme of ***Educating Engineers for the Innovation Economy***. There were 49 oral presentations (34 full papers and 15 additional abstracts), two workshops and 15 poster presentations. I would like to thank all the Conference Committee members, reviewers, sponsors, presenters of the workshops, papers and posters.

The Friday workshops covered a variety of topics:

Workshop I: Preparing Students for Research by Beth Thomsett-Scott, Vanessa Eyer, Angela Davis, Penn State University Librarians

Workshop II: Effective Peer Evaluation of Teamwork by Dr. Abdullah Konak. Professor of Information Sciences and Technology, Penn State Berks (This workshop was supported by the National Science Foundation)

LIFE TIME ACHIEVEMENT AWARD VICTOR SCHUTZ



Dr. Victor Schutz, Professor Emeritus, Temple University was presented with the Life Time Achievement Award, Middle Atlantic Section of ASEE for his dedication and promotion of the principles of Engineering Education. Dr. Schutz is the Historian for the Section and his participation dates back to its founding. Victor is the consummate professional and has spent years mentoring students and colleagues with the goal of providing improved engineering education.

2017 MID-ATLANTIC SECTION DISTINGUISHED TEACHING AWARD



Pali Singh, Chair of the Mid-Atlantic Awards Committee congratulates Brock Barry as the recipient of the 2017 Mid-Atlantic Distinguished Teaching Award. Dr. Barry is the Director, Mechanics Group and Associate Professor, Civil Engineering Division at United States Military Academy, West Point. He brings a wealth of industrial and varied teaching experiences to the classroom. His name will be placed in nomination for the Zone 1 award.

2017 MID-ATLANTIC SECTION BEST PAPER AWARD



Congratulations to Mohsen Mosleh and Mark Clement Joseph Thom, Howard University, Department of Mechanical Engineering for their paper entitled ***“Design-Build, Project-Based Learning in an Engineering Materials Laboratory.”*** The paper analyzes the effects of incorporating design-build (DB) attributes into the Problem-Based Learning (PBL) method in an engineering materials laboratory. The paper will be placed in nomination for the Zone 1 Best Paper award. Read the paper [here](#).

2017 OUTSTANDING CAMPUS REPRESENTATIVE



Mohsen Mosleh is presented with the award for 2017 Mid-Atlantic Section Outstanding Campus Representative. The campus rep provides a valuable service to ASEE by advancing the goals of Engineering Education. Dr. Mosley renders this service by promoting the principles of ASEE among the faculty at Howard University. He is a Professor of Mechanical Engineering and Founder of Surface Engineering and Nanofluids Laboratory (SENL)

AN INVITATION TO HOST A SECTION CONFERENCE

The ASEE Middle Atlantic Section is currently seeking a host for the Fall Conference in 2019 and beyond. The Executive Committee will work with you in this endeavor to create an exciting conference experience. For more information contact:

Suzanne Keilson
Program Chair
skeilson@loyola.edu

UPCOMING MIDDLE ATLANTIC SECTION MEETING HOSTS

Date	Institution	Contact
Spring 2018	University of the District of Columbia, Washington, DC	Nian Zhang nzhang@udc.edu Paul Cotae pcotae@udc.edu
Fall 2018	TBD	
Spring 2019 Zone 1 Conference	Zone 1 Conference State University of New York Buffalo, NY	
Fall 2019	Howard University Washington, DC	Nadir Yilmaz nadir.yilmaz@Howard.edu

KNOW YOUR OFFICERS

Chair

Sadan Kulturel-Konak,
Management Information Systems
Penn State Berks
Tulpehocken Road
Reading, PA 1961
Phone: 610-396-6137
sadan@psu.edu

Chair-Elect

Dr. Ahmet Zeytinci
Department of Civil Engineering
University of the District of Columbia
4200 Connecticut Avenue NW
Washington, DC 20008
Phone: 202-274-6291
azeytinci@udc.edu

Vice Chair

Ashwin Satyanarayana
Assistant Professor,
N-913, Computer Systems Technology Dept.,
New York City College of Technology (CUNY),
300 Jay St, Brooklyn, NY 11201
Brooklyn, NY 11201
Phone: 718-260-5710
asatyanarayana@citytech.cuny.edu

Past Chair

Yacob Astatke
Dept. of Electrical Engineering
Morgan State University
1700 East Cold Spring Lane •
Baltimore, Maryland 21251
Phone: 443-885-4208
yacob.astatke@morgan.edu

Awards Chair

Maurice Aburdene
Dept. of Electrical & Computer Engineering
Bucknell University
1 Dent Drive
Lewisburg, PA 17837
Phone: 570-577-1234
maurice.aburdene@bucknell.edu

Program Chair

Suzanne Keilson
Dept. of Engineering
Loyola College Maryland
4501 N. Charles Street
Baltimore, MD 21210
Phone: 410-617-2722
SKeilson@loyola.edu

Secretary/Treasurer

Benito Bendoza
New York City College of Technology
300 Jay St.
Brooklyn, NY 11201
Phone: 718-260-5437
bmendoza@citytech.cuny.edu

Section Campus Representative

Amit Bandyopadhyay Architecture/Construction
Management State University of New York,
Farmingdale
2350 Broadhollow Road
Farmingdale, NY 11735
Phone: 631-420-2378
bandyoa@farmingdale.edu

Newsletter Editor/Web Master

Lawrence Chatman
Engineering Science & Technology
Camden County College
200 College Drive
Blackwood, NJ 08012
Phone: 856-227-7200 x 4523
Lchatman@camdencc.edu

Nominating Chair

Orla LoPiccolo
Architecture and Construction Management
State University of New York, Farmingdale
2350 Broadhollow Road
Farmingdale, NY 11735
Phone: 631-794-6123
orla.lopiccolo@farmingdale.edu

Historian

Victor Schutz
Emeritus, Temple University
1317 Grenox Road
Wynnewood, PA 19096,
Phone: 610-649-9331
v.schutz@ieee.org

Paul Butler
Engineering Studies
Ocean County College
Pbutler_occ@hotmail.com

Pritpal Singh
Dept. of Electrical Engineering
Villanova University
prtipal.singh@villanova.edu

Stephanie Farrell
Dept. of Chemical Engineering
Rowan University
Farrell@rowan.edu

Nelson Macken
Department of Engineering
Swarthmore College
Nmacken1@swarthmore.edu

Hong Li
Department of Computer Systems Technology
New York City College of Technology
hli@citytech.cuny.edu

ADVISORY COMMITTEE

Kemi Ladeji-Osias
Dept. of Electrical Engineering
Morgan State University
jumoke.ladeji-osias@morgan.edu

Andrew Grossfield
Dept. of Arts and Sciences
Vaughn College of Aeronautics and Technology
Grossfield@IEEE.org