



## Presentation Coaches



**LEAD Coach**  
**Dr. Mike Cable**



**Eftymios Philip Papageorgiou**  
(B.E. Boser)



**Dr. Junwen Zhong**  
(L. Linr)



**Brad Wheeler**  
(K.Pister)



**Kim Ly**



**David Burnett**  
(K.Pister)



**Dr. Soner Sonmezoglu**  
(M.M. Maharbiz)



**Dr. Burak Eminoglu**  
(B.E. Boser)



The BSAC Industrial Members, Researchers, Faculty and Directors, and the National Science Foundation I/UCRC Association thank and congratulate the following researchers for their outstanding work.

### BSAC Best Paper and Poster Awards for Fall 2017

139 BSAC researchers presented their work in poster or plenary sessions at the Fall 2017 BSAC Research Review on September 20-22.

56 attending industrial members from 36 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

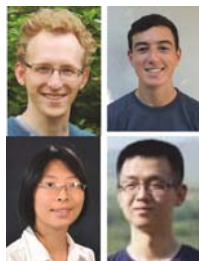
Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.



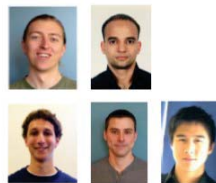
**BSAC Best Paper**  
**Hossain Fahad**  
Advisor: Prof. Ali Javey  
[Chemical Sensitive Field Effect Transistor \(CS-FET\)](#) [BPN770]



**Best Presenter**  
**Emmeline Kao**  
Advisor Prof. Liwei Lin  
[Nanostructured Black Titania Arrays for Photoelectrochemical Applications](#) [BPN672]



**Best Poster**  
**Phillip A.M. Sandborn, Jazz Poulos, Margaret Zhang, Xiaosheng Zhang**  
Advisor Prof. Ming C. Wu  
[Non-Linear FMCW Lidar Using Resampling Methods](#) [BPN721]



**BSAC Best Poster**  
**David Burnett, Dr. Osama Khan, Filip Maksimovic, Brad Wheeler, Bob Zhou**  
Advisor: Prof. Kris Pister  
[Single Chip Mote](#) [BPN803]

### BSAC Best Paper and Poster Awards for Spring 2017

More than 140 BSAC researchers presented their work in poster or plenary sessions at the Spring 2017 BSAC Research Review on March 8-9.

More than 70 attending industrial members from 41 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

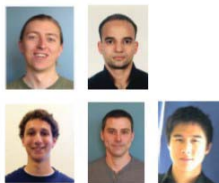
Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.



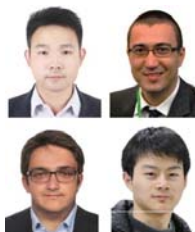
**BSAC Best Paper**  
[Filip Maksimovic](#)  
 Advisor: Prof. Kris Pister  
[Radios Don't Need Crystals](#)  
 [BPN803]



**Best Presenter**  
[Ameya Rao](#)  
 Advisor Prof. Roya Maboudian  
[Ordered Hollow Metal Oxide Nanostructures for Miniaturized Gas Sensors](#) [BPN813]



**BSAC Best Poster**  
[David Burnett, Dr. Osama Khan, Filip Maksimovic, Brad Wheeler, Bob Zhou](#)  
 Advisor: Prof. Kris Pister  
[Single Chip Mote](#) [BPN803]



**Best Poster**  
[Junwen Zhong, Levent Beker, Ilbey Karakurt, Yichuan Wu](#)  
 Advisor Prof. Liwei Lin  
[Flexible Sensors and Energy Harvesters](#) [BPN855]

## **BSAC Best Paper and Poster Awards for Fall 2016**

More than 130 BSAC researchers presented their work in poster or plenary sessions at the Fall 2016 BSAC Research Review on September 28-29.

More than 80 attending industrial members from 36 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.



**BSAC Best Paper**  
[Joy \(Xiaoyue\) Jiang](#)  
 Advisor: Prof. David A. Horsley  
[PMUTs for Ultrasonic Fingerprint Sensors](#) [BPN628]



**Best Presenter**  
[Hossain M. Fahad](#)  
 Advisor Prof. Ali Javey  
[Chemical Sensitive Field Effect Transistor \(CS-FET\)](#) [BPN770]



**BSAC Best Poster**  
[Dr. Youmin Wang](#)  
 Advisor: Prof. Ming C. Wu  
[Optical Phased Array for LIDAR](#)  
 [BPN788]



**Best Poster**  
[Yumeng Liu](#)  
 Advisor Prof. Liwei Lin  
[Graphene for Room Temperature Gas Sensors](#) [BPN772]

## **BSAC Best Paper and Poster Awards for Spring 2016**

More than 160 BSAC researchers presented their work in poster or plenary sessions at the Spring 2016 BSAC Research Review on March 2-4.

More than 70 attending industrial members from 35 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.



**BSAC Best Paper**  
[Dr. Youmin Wang](#)  
 Advisor: Prof. Ming C. Wu  
[Optical Phased Array for LIDAR](#)  
 [BPN788]



**Best Presenter**  
[Dr. Tae Joon Seok](#)  
 Advisor Prof. Ming C. Wu  
[Silicon Photonic MEMS Switch](#)  
 [BPN751]



**Best Poster**  
[Yumeng Liu](#)  
 Advisor Prof. Liwei Lin  
[Graphene for Room Temperature Gas Sensors](#) [BPN772]



**Best Poster**  
[Wei Gao, Sam Emaminejad](#)  
 Advisor Prof. Ali Javey  
[Fully-Integrated Wearable Sensor Arrays for Multiplexed In Situ Perspiration Analysis](#) [BPN818]