## Spring 2019 BSAC Research Review & IAB - Agenda

**BSAC Commercialization**  
**06 March 2019**  
Sibley Auditorium, Bechtel Engineering Center

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>09:00</td>
<td>Pre-Arranged Faculty or Project Meetings</td>
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| 14:00  | **Michael Cohen - UC Berkeley Office of Technology Licensing**  
         Commercializing Technology Developed at UC Berkeley |
| 14:30  | **Sibyl Chen - SkyDeck**  
         SkyDeck: A Pathway to Commercialization for UCB Innovations |
| 15:15  | **Michelle Meng-Hsiung Kiang - Chirp Microsystems**        |
| 16:00  | **Kris Pister - Dust Networks**  
         Smart Dust to Smart Factories - Commercializing University  
         Research in Sensor Networks                                |
<p>| 16:45  | <strong>TBA</strong>                                                    |
| 17:30  | Reception                                                  |</p>
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<tr>
<td>08:00</td>
<td>Registration and Continental Breakfast</td>
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<td>09:00</td>
<td>Dr. Mike Cable</td>
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| 09:10  | Plenary 1: Ms. Niharika Gupta - JAVEY Lab  
Chemical Sensitive Field Effect Transistor (CS-FET) |
| 09:25  | Plenary 2: Mr. Alper Ozgurulk - NGUYEN Lab  
On-Chip Precision Residual Strain Diagnostic Sensor |
| 09:40  | Morning Research Overview  
45 Second Project Summaries by Individual Graduate/Postdoc Researchers |
| 10:10  | Morning Poster Session  
Javey, Liepmann, Nguyen, Pister |
| 11:20  | Chair - Open Session 2 |
| 11:25  | Plenary 3: Dr. Ali Darvishian - BOSER Lab  
Extremely High-Performance Miniaturized Gyroscopes to Navigate Without GPS |
| 11:40  | Plenary 4: Dr. Kyungmok Kwon - WU Lab  
Wafer-Scale Silicon Photonic Switches |
| 11:55  | Plenary 5: Ms. Minsun Song - LEE Lab  
Large-volume Biofluid Analysis Platform for Early Diagnosis of Pathogenic Bacteria |
| 12:10  | Midday Research Overview  
45 Second Project Summaries by Individual Graduate/Postdoc Researchers |
| 12:40  | Lunch  
Hearst Memorial Mining Building, Moore Lobby |
| 13:25  | Midday Poster Session  
Boser, Lee, White, Wu |
| 14:15  | Chair - Open Session 3 |
| 14:30  | Plenary 6: Mr. Yuhui Xie - MABOUDIAN Lab  
Ultrahigh Aspect-Ratio Gold Nanostructure for Electrochemical Detection of Organics in Aqueous Media |
| 14:45  | Plenary 7: Mr. Takeshi Hayasaka - LIN Lab  
Multi-Dimensional Gas Sensing Patterns of Graphene FETs |
| 15:00  | Plenary 8: Dr. Soner Sonmezoglu - MAHARBIZ Lab  
An Ultrasonic Implantable for Continuous In Vivo Monitoring of Tissue Oxygenation |
| 15:15  | Afternoon Research Overview  
45 Second Project Summaries by Individual Graduate/Postdoc Researchers |
| 15:45  | Afternoon Poster Session  
Horsley, Lin, Maboudian, Maharbiz |
| 16:55  | Chair - Open Session 4 |
| 17:00  | Plenary 9: Mr. Xiaosheng Zhang - WU Lab  
FMCW LiDAR for Distance and Velocity Detection with Large Range and High Resolution |
| 17:15  | Plenary 10: Mr. Craig Schindler - PISTER Lab  
Jumping MEMS |
| 17:30  | Plenary 11: Late News |
| 17:45  | End Session, Voting Completion |
| 18:00  | Reception & Banquet  
Hearst Memorial Mining Building, Moore Lobby |
Industrial Advisory Board Meeting (IAB)
Closed meeting: Open to BSAC members and faculty only. Center report and member review of center operations, process, research directions, and content. Member companies should send at least one participant to this meeting.

08 March 2019
290 Hearst Memorial Mining Building

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