# 7th Annual Naval Academy Science and Engineering Conference

**Conference Agenda**

**Sunday 13 November 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>1230</td>
<td>Attendees should arrive at the Crowne Plaza Annapolis Hotel no later than 12:30pm</td>
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<td>1230 – 1300</td>
<td>Conference check-in, luggage drop-off, and hotel roommate pairings</td>
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<td>1300</td>
<td>Departure of USNA buses from the hotel to the Naval Academy (Personal vehicles will NOT be allowed on USNA property)</td>
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**Introduction to NASEC 2016, Rickover Hall, Room 103**

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| 1300 – 1400 | Lunch and discussion of NASEC 2016 format and goals  
  *Prof. Cody Brownell, USNA*          |
| 1400 – 1410 | Break                                                                   |

**Session 1 (S1): Rickover Hall, Room 102**

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<tr>
<td>1410 – 1420</td>
<td>Welcome and Opening Remarks, <em>VADM W.E. Carter, Jr.</em>, Superintendent, USNA</td>
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| 1420 – 1500 | Water and Sustainability, *Prof. Sandra McLellan*, Univ. of Wisconsin – Milwaukee  
  *Moderator: CDR William Swick, USNA*          |
| 1505 – 1545 | Cyber Physical Systems, *Prof. Rajeev Alur*, University of Pennsylvania  
  *Moderator: Prof. Adam Aviv, USNA*          |
| 1545 – 1600 | Break                                                                   |
| 1600 – 1640 | Energy and Alternative Fuels, *Prof. Laura Schaefer*, Rice University  
  *Moderator: Prof. Karen Flack, USNA*          |
| 1650 – 1750 | Discussions within Theme Working Groups in Rickover 102 & 103           |
| 1800 – 1930 | Dinner at Drydock Restaurant, Dahlgren Hall                              |
| 1930   | Depart to Hotel – USNA Bus pickup at Submarine Monument                   |
| 1950   | Room key pickup and luggage distribution                                  |
| 2000 – 2300 | Liberty for NASEC Midshipmen Leaders and Delegates                       |
MONDAY 14 NOVEMBER 2016

0630 – 0745 Complimentary continental breakfast at hotel

0800 – 0815 Depart for Naval Academy via USNA bus

Session 1 (M1): Rickover Hall, Room 102

0900 – 0945 Keynote Presentation, Mr. Stephen Welby, Assistant Secretary of Defense for Research and Engineering

Moderator: Dr. Andrew T. Phillips, Academic Dean and Provost, USNA

1000 – 1030 Reception with Mr. Welby

Session 2 (M2): Breakout Rooms

1030 – 1140 Discussions within Theme Working Groups in assigned breakout rooms

1150 View noon meal formation

1200 – 1345 Lunch with Brigade of Midshipmen, visit to USNA Midshipmen Store

Session 3 (M3): Breakout Rooms

1400 – 1545 Continue discussions within Theme Working Groups in assigned breakout rooms

1545 – 1600 Break in Rickover Lobby

Session 4 (M4): Science and Engineering Laboratories

1610 – 1730 Tours of USNA Science and Engineering Laboratories

Session 5 (M5): Alumni Hall

1800 – 1900 Working dinner and discussion in Coppedge Room

1915 Seats in Alumni Hall

1930 – 2030 Forrestal Lecture: Dr. Vijay Kumar, Dean of Engineering, University of Pennsylvania

2030 – 2100 Reception in Coppedge Room with Dr. Kumar

2100 Depart to Hotel – USNA bus pickup at Alumni Hall
TUESDAY 15 NOVEMBER 2016

0630 – 0800  Complimentary continental breakfast at hotel, followed by check-out
Note: Luggage cannot be left at hotel; bring to USNA and store in Alumni Hall lobby

0815  Depart for Naval Academy via USNA bus

0830 – 0900  Store luggage and set up NASEC poster session

Session 1 (T1): Breakout Rooms

0900 – 1000  Concluding discussions within Theme Working Groups

1000 – 1030  Break in Rickover Lobby

Session 2 (T2): Rickover Hall, Room 102

1030 – 1115  Keynote Presentation, Dr. Dean Evasius, Division Director for Graduate Education, National Science Foundation
Moderator: Dr. Jennifer Waters, Associate Dean, USNA

Session 3 (T3): Rickover Hall, Lobby

1130 – 1210  Poster Session

1230  Conference Adjourns; Box lunches will be provided

1300  USNA buses will depart Alumni Hall for BWI Airport, BWI Amtrak station, and for vehicle retrieval at the Crowne Plaza Annapolis.