

RECONNECT 2014
Forensics
June 1-7, 2014

Sunday, June 1

Check into Holiday Inn Falmouth, MA

7:00 Dinner as a group

Monday, June 2

7:00-8:00 Breakfast in the Holiday Inn

8:15 Travel to Mass Maritime Academy in Buzzards Bay, MA

All meetings Monday through Friday on campus are in the Beachmoor and in ABSIC Information Commons on Saturday mornings. All lunches will be in the Dining Hall, except for box lunches on Saturday and lunch in Woods Hole on Friday.

8:45 AM Welcome, Introductions, Plans for the Week
Midge Cozzens, Rutgers University, CCICADA/DIMACS

 Welcome
Mass Maritime Administration

9:30 AM Introduction to Criminal Forensics
Gene Fiorini, Rutgers University DIMACS

 Dr. Fiorini will start with an observational activity and everyone will see what is important at a crime scene. This activity will continue throughout this part of the workshop.

10:45 AM Break

11:00 AM Review some basic definitions in graph theory and some greedy graph algorithms related to identification algorithms.
Gene Fiorini

12:15 PM Lunch in the Dining Room of Mass Maritime

1:30 PM Graph Algorithm(s) and Identifications in Forensics
Gene Fiorini

3:00 PM Break

- 3:15 PM Finish portion on Criminal Forensics, give homework assignment, and possible module topics
Gene Fiorini
- 4:15 PM Work on homework and Demonstration of 360 degree Navigation Simulator in smaller groups. Think about possible module topics.
- 6:00 PM Dinner at Mass Maritime – Bay State Conference Center
Welcome and Good Wishes from President Richard Gurnon and Vice President Brad Lima for Massachusetts Maritime Academy
- 7:30 PM Return to the Holiday Inn and finish homework

Tuesday, June 3

- 7:00-8:00 Breakfast at the Holiday Inn
- 8:15 AM Leave for Mass Maritime
- 8:45 AM Presentation of Homework solutions
- 9:45 AM Introduction to Cyber Forensics
Victor Fay-Wolfe, University of Rhode Island, CS Department and Director of DHS Center on Cyber Forensics
- 10:45 AM Break
- 11:00 AM Cyber Forensics Hands-On Lab Work
Victor Fay-Wolfe and Jessie Barrett
- 12:15 PM Lunch
- 1:30 PM Teaching resources for cyber forensics and Teaching resources lab
Victor Fay-Wolfe and Jessie Barrett
- 3:00 PM Break
- 3:30 PM Involving undergraduates in research and service in the field of cyber forensics
Victor Fay-Wolfe
- 4:00 PM Wrap up by Vic Wolfe, homework assignment and suggested topics for modules or technical reports
- 5:00 PM Begin work on exercises and think about today's talks in light of modules; to be continued after dinner in groups

5:30 PM Leave for Holiday Inn

6:30 PM Dinner at the Holiday Inn

Wednesday, June 4

7:00-8:00 Breakfast at the Holiday Inn

8:15 AM Leave for Mass Maritime

8:45 AM Presentation of Homework solutions

9:45 AM The cyber forensics of digital images
Nasir Memon, NYU

10:45 AM Break

11:00 AM Collecting and reconstructing image evidence

12:15 PM Lunch

1:30 PM Attribution of image evidence and attesting to its integrity

3:00 PM Break

3:30 PM Wrap up by Nasir Memon, homework assignment and suggested topics for modules or technical reports

4:30 PM Begin work on exercises and think about today's talks in light of modules; to be continued after dinner in groups

5:00 PM Leave for Holiday Inn

6:30 PM Dinner at the Holiday Inn

Thursday, June 5

7:00-8:00 Breakfast at the Holiday Inn

8:15 AM Leave for Mass Maritime

8:45 AM Presentation of Homework solutions

9:45 AM Maritime Forensics
Kellie Dougherty, Lt, US Coast Guard

10:45 AM Break

- 11:00 AM Maritime Forensics examples
- 12:15 PM Lunch
- 1:30 PM More Maritime Forensics
MA State Police Sgt. Blake Gilmore
- 3:00 PM Break
- 3:30 PM Wrap up, homework assignment and suggested topics for modules or technical reports
- 4:30 PM Begin work on exercises and think about today's talks in light of modules, to be continued after dinner in groups
- 5:00 PM Leave for Holiday Inn
- 6:30 PM Dinner at the Holiday Inn

Friday, June 6

- 7:00-8:00 Breakfast at the Holiday Inn
- 8:15 AM Leave for Woods Hole
- 9:15 AM Introduction to Mammalian Forensics at Woods Hole with examples
Michael Moore
- 11:30 AM Tour of Coast Guard facilities at Woods Hole
- 1:00 PM Lunch at the Buttery, Woods Hole Oceanographic Institute
- 2:00 PM Leave for Mass Maritime
- 2:30 PM Work on presentations
- 3:30 PM First two presentations
- 5:00 PM Leave for Holiday Inn
- 6:30 PM Dinner at the Holiday Inn

Saturday, June 7

- 7:00-8:00 Breakfast
- 8:15 AM Travel to Mass Maritime

8:45-11:30 Group presentations
Joyati Debnath organizes

11:30 AM Box lunches and departure to Holiday Inn