MSI 2017 Microscopy Workshop Schedule

Day 1- Tuesday January 17th - Light, Fluorescence, and Confocal Microscopy

3:30PM Welcome, introductions, overview  
Location: Northwest B141

4:00PM Lecture on light, fluorescence, and confocal microscopy  
Presenter: Jennifer Waters  
Location: Northwest B141

6:30PM Dinner  
Location: Changsho (1712 Massachusetts Ave, Cambridge)

Day 2- Wednesday January 18th - Light, Fluorescence, and Confocal Microscopy

9:00AM Lecture on time-lapse photography and 3D models  
Presenter: Scott Chimileski  
Location: Northwest B141

9:45AM Overview of samples  
Presenter: Karen Lachmayr  
Location: Northwest B141

10:00AM Agar pad demonstration  
Presenter: Einat Segev  
Location: Northwest B141

10:15AM Light and fluorescence microscopy practice time  
Leaders: Einat Segev and Nick Lyons  
Location: Northwest B141 and B139.20

12:45PM Lunch break  
Location: Northwest B109

1:45PM Confocal microscopy practice time  
Leaders: Doug Richardson, Sven Terclavers, and David Smith  
Location: Biolabs 2052

4:15PM Leave for Aeronaut Brewing Co.  
4:30PM Tour and Dinner  
Location: Aeronaut Brewing Co. (14 Tyler St, Somerville)

Day 3- Thursday January 19th - SEM, TEM, and AFM

9:00AM Lecture on TEM  
Presenter: Austin Akey  
Location: Northwest B141

10:00AM Lecture on SEM  
Presenter: Jules Gardener  
Location: Northwest B141

11:00AM Break

11:15AM Lecture on EM sample preparation  
Presenter: Carolyn Marks  
Location: Northwest B141

12:30PM Lunch break with Gary Borisy
2:00PM  EM sample preparation facilities tour
Presenter: Carolyn Marks
Location: CNS

4:15PM  Lecture on AFM
Presenter: Jason Tresback
Location: Northwest B141

5:30PM  MSI seminar reception
Location: HUCE reception area

6:00PM  MSI seminar
Presenter: Gary Borisy
Location: HUCE seminar room

7:30PM  Dinner with Gary Borisy and other MSI faculty members
Location: Henrietta’s Table (1 Bennett St, Cambridge)

Day 4- Friday January 20th - SEM, TEM, and AFM
9:00AM  Group 1: guided SEM time
Group 2: guided TEM time
Group 3: guided AFM time
Leaders: Adam Graham, Carolyn Marks, Tim Cavanaugh, Jules Gardener, Austin Akey, Jason Tresback, and Jiangdong (JD) Deng
Location: CNS

11:30AM  Lunch break
Location: LISE 319

12:30PM  Group 1: guided TEM time
Group 2: guided AFM time
Group 3: guided SEM time
Leaders: Adam Graham, Carolyn Marks, Tim Cavanaugh, Jules Gardener, Austin Akey, Jason Tresback, and Jiangdong (JD) Deng
Location: CNS

3:00PM  Snack break
Location: LISE 319

3:30PM  Group 1: guided AFM time
Group 2: guided SEM time
Group 3: guided TEM time
Leaders: Adam Graham, Carolyn Marks, Tim Cavanaugh, Jules Gardener, Austin Akey, Jason Tresback, and Jiangdong (JD) Deng
Location: CNS

6:00PM  Concluding dinner and microscopy image contest
Location: HUCE seminar room (24 Oxford St, 3rd Floor, Cambridge)