

**National Institute for Mathematical and Biological Synthesis**  
**Workshop Group: Learning in Networks**  
**Organizers: Dani Bassett, Scott Grafton**

**Agenda:**

**Thursday, February 22, 2018**

8-9am Breakfast at NIMBloS

*MORNING SESSION:*

30' Briefings followed by discussion (up to 30'):

Grafton, Scott -- On learning generally

Diedrichsen, Joern -- On representational models in learning

*BREAK*

O'Doherty, John -- On optimal decision making in learning

Hartley, Catherine -- On model-based learning

*LUNCH BREAK*

*AFTERNOON SESSION:*

30' Briefings followed by discussion (up to 30'):

Gold, Joshua -- On model complexity in learning

Bassett, Dani -- On network models of learning

*BREAK*

Porter, Mason -- On models of network dynamics

Shai, Saray -- On models of network dynamics

Wrap up and organize Day 2

*EVENING:*

5pm - Reception at NIMBloS & Group photo

Group Dinner off site

**Friday, February 23, 2018**

8-9am Breakfast at NIMBloS

*MORNING SESSION:*

Identification of salient challenge problems

*BREAK*

Discussion of potential approaches

*LUNCH BREAK*

*AFTERNOON SESSION:*

Breakout discussion groups

*BREAK*

Integration of ideas and planning for collaborative work

Wrap up and organize Day 2

*EVENING*

Group Dinner off site

**Saturday, February 24, 2018**

8-9am Breakfast at NIMBloS

9-11am Final Discussion/Next Plans/Departure