

Myofilament Meeting BioCAT Workshop Itinerary

5/23/2018 Madison Wisconsin

1:00 PM BioCAT Update and Overview –Tom Irving

1:30 PM New opportunities with intact and skinned skeletal muscle –Weikang Ma

2:00 PM Best Practices for X-ray Diffraction Experiments with Cardiac Muscle –
Vickie Yuan

2:30 PM Multiscale modeling, X-ray patterns, and estimation of forces on
myofilaments in intact muscle - Srba Mijailovich

3:00 PM Break

3:20 PM New opportunities for SAXS and muscle proteins – Srinivas Chakravarthy

3:40 PM MuscleX: New tools for analysis of X-ray diffraction patterns- Weikang Ma

4:00 PM Structured Discussion: Strategic Directions for the Muscle Diffraction
Program at BioCAT

5:00 PM Adjourn