

# Workshop on graphene grids for cryoEM

August 24, 2021

9:00-9:15	<b>Coffee &amp; Tea</b>
9:15	<b>Welcome</b>
9:15-9:45	<b>Presentation on the overall method</b> <i>Xiao Fan (Princeton University)</i>
9:45-10:10	<b>Flash talks</b> Attendee introductions
10:10-10:15	<b>Photo</b> Group photo of workshop participants
10:15-11:15	<b>Practical Steps 1&amp;2</b> preparing graphene on copper and etching
11:15-12:15	<b>Practical Step 3</b> placing graphene on holey carbon grids
12:15-14:00	<b>Practical Step 4</b> removing the graphene supporting layer
12:30	<b>Lunch and Discussion</b>
14:00-15:00	<b>Practical Step 5</b> bake and investigation of graphene grids in an SEM
15:00-15:30	<b>Practical Step 6</b> UV-ozone treatment of graphene grids
15:30-16:15	<b>Practical Step 7</b> sample plunge freezing using graphene grids
16:15-16:30	<b>Practical Step 8</b> grid processing and loading into TEMs
16:30	<b>Practical Step 9</b> imaging graphene grids in a TEM
16:30	<b>Closing and reception</b>