ML for gauge field generation

1. How optimistic or pessimistic do you feel about the utility of ML in accelerating lattice field generation in LQCD and other contexts?

2. What are the most application-specific features of the LQCD gauge field generation problem i.e., in what important ways is it different from applications in other areas of physics, and how does that impact the way field generation algorithms must be designed?

3. Do you have any opinions that run counter to what you see as the ‘community opinion’ on this topic, or to the panel discussion from yesterday?

4. What are the most important things for us to work on as a community in the hopes of reaching applications at an interesting scale?