

Workshop: AI4EIC-Exp - Experimental Applications of Artificial Intelligence for the Electron Ion Collider

Tuesday, September 7, 2021

Day 1 afternoon (2:00 PM - 5:00 PM)

-Conveners: Corey Adams; Makoto Asai

| time | [id] title | presenter |
|---------|---|-------------------------|
| 2:00 PM | [M1] Simulations: Introduction | |
| 2:05 PM | [M] Event Generation and Simulation Needs for the EIC | Dr DIEFENTHALER, Markus |
| 2:30 PM | [M0] Bottlenecks and limitations in classical simulations: where can AI help? | JOOSTEN, Sylvester |
| 2:55 PM | [M1] What AI offers for EIC simulations | KUCHERA, Michelle |
| 3:25 PM | break | |
| 3:40 PM | [M] Generative AI applications for simulations in colliders | NACHMAN, Benjamin |
| 4:10 PM | [M2] Machine Learning for the LHCb simulations | ANDERLINI, Lucio |
| 4:35 PM | [M1] Discussion | |