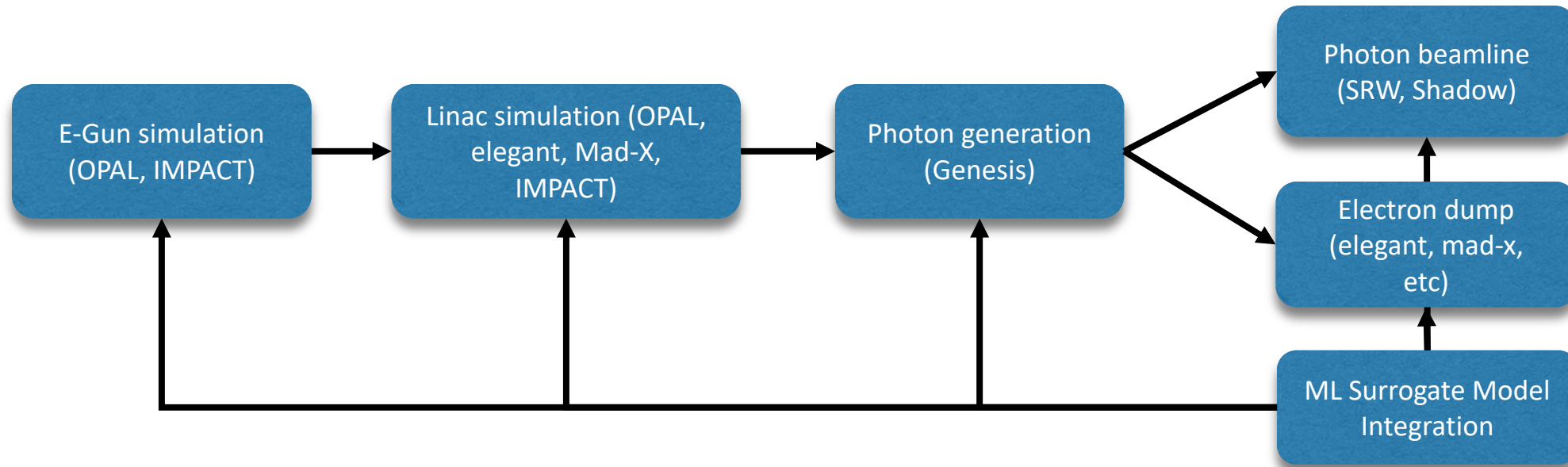


End-to-End Simulations and ML infrastructure for Light Sources



- LUME and Sirepo provide complementary integration tools
- Creating interoperability between these tools will improve the end-to-end simulation infrastructure
- Integrate machine-learning model infrastructure into Sirepo
- Demonstrate model deployment utilizing photon beamline test bench
- Provide integration with optimization workflows and controls

