Contribution ID: **32**   Type: **Talk**

Computational tools for the Future Colliders

In this talk, I will present new computational methods for Monte Carlo simulations based on machine learning techniques, as well as data analysis approaches utilizing quantum computing. These developments are aimed at supporting future high-energy collider programs, including the planned SPPC, as an extension of the CEPC framework.

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Session Classification: BSM

Track Classification: Physics: 10: Physics beyond the SM