## **String Phenomenology 2023**



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## Line bundle cohomology

Tuesday 4 July 2023 16:15 (15 minutes)

The first part of the talk outlines the need for ultra-fast cohomology computations in heterotic model building. The second part presents some new results on line bundle cohomology on certain complex varieties of various dimensions and types (including Calabi-Yau threefolds), in particular in relation to generating functions.

**Presenter:** CONSTANTIN, Andrei **Session Classification:** Parallel