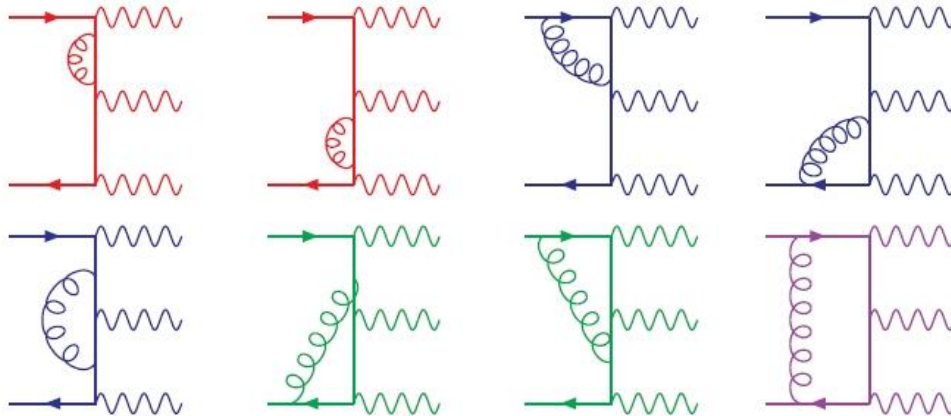




*NEW YORK CITY COLLEGE OF TECHNOLOGY  
JOINT PHYSICS and MATHEMATICS COLLOQUIUM*

***New Computational Methods for the Large Hadron Collider***



*PRESENTED BY:*

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**Thursday, December 4, at 12:45 PM**  
**Namm 804**

A very exciting period for high energy particle physics is about to begin: the Large Hadron Collider (LHC) at CERN has recently started operation. It will produce results that might confirm our understanding of the Universe, provide answers to the many open questions, and possibly also reveal new fascinating scenarios.

After a general introduction about the main features of the LHC, I will briefly discuss the role of theoretical predictions in this context. In particular, I will present the main features of a new technique for multi-particle processes that we recently developed.

*Light refreshment will be served.*