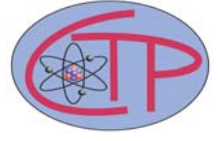




*NEW YORK CITY COLLEGE OF TECHNOLOGY*  
Physics Department  
Center for Theoretical Physics



# **Semileptonic Decays of the B Meson: A Theory Overview**

*Presented by:*

**Paolo Gambino**

**Università di Torino**

**Istituto Nazionale di Fisica Nucleare, Torino Italy**

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## **Abstract**

Semileptonic B decays play an important role in the precision determination of the parameters that govern the mixing of quarks. They also provide interesting information on the heavy quark masses and the non-perturbative dynamics of the B meson. I will review some of the theoretical methods employed in the analysis of semileptonic B decays and how they confront the experimental data.