

## **Abstract**

CEI are certain Gromov-Witten type invariants associated with Calabi-Yau  $A$ -infinity categories. They were introduced by Costello around 2004/2005. Recently, in a joint work with Caldararu, we obtained an explicit combinatorial formula of CEI. In this talk, after briefly review the definition of CEI, we shall report on some of the recent progresses in understanding the structures of CEI.