1163-11-207 **YoungJu Choie*** (`yjc@postech.ac.kr`), Dept of Mathematics, POSTECH, 77 Cheongam-Ro. Nam-Gu, Pohang, Gyeongbuk. 37673, South Korea. *Modular forms and Period polynomials.*

In 1991, Zagier found a striking identity, which relates a generating function containing all Hecke eigenforms together with all critical values of their corresponding L-functions to products of Jacobi theta series. The L-values are packaged into period polynomials coming from Eichler-Shimura theory of automorphic forms. In this talk we study various extensions of Zagier's identity. (Received August 28, 2020)