1145-11-1571   **Wen-Ching Winnie Li**, **Ling Long** and **Fang-Ting Tu*** (`ftu@lsu.edu`), 303 Lockett Hall, Louisiana State University, Baton Rouge, LA 70803. *Computing Special L-Values of Certain Modular Forms with Complex Multiplication.*

In this talk, we will illustrate two explicit methods which lead to special L-values of certain modular forms admitting complex multiplication, motivated in part by properties of L-functions obtained from Calabi-Yau manifolds defined over $\mathbb{Q}$. (Received September 23, 2018)